

# SESSIONS

DAY 1 - 11/12/2019

AI Summit New York

11-12 December 2019

Javits Center  
New York

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## Welcome Address

09:00 - 09:20

1) Deliver - CxOs and Top-Level Business Leaders

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## Visit Deliver Stage for Opening Keynote

09:00 - 09:50

2) Implement - Senior Strategists and Heads of Function

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## Visit Deliver Stage for Opening Keynote

09:00 - 10:00

3) Develop - Heads of Tech and Practitioners

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## Creating A Data Literate, AI Ready Business from The Top Down

09:00 - 10:30

Lounge 1: AI Forbes Boardroom - CxO Seminars

### Participants

**Jose Murillo** - Chief Analytics Officer, Banorte

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## Introduction to Data Science in Python

09:00 - 13:00

Lounge 3: AI Academy - Training Sessions

### Course Description

This hands-on half-day workshop is designed for data science/machine learning beginners and will set the foundations for a career or further learning for more advanced topics in data science.

With the guidance of Rick Copeland – python expert with over 20 years training g experience, this course will familiarize you with the core Python data science tools including Jupyter, Numpy, Pandas Matplotlib, and Scipy – enabling you to start your journey into the world of data science.

If looking to further focus your abilities in data science, this course can be complimented with 'Introduction to Machine Learning', which will continue in the afternoon.

### Why this course?

- Hands-on training – This course will introduce data science tools and set the foundations for your start in data science.
- Experienced trainer – You will be instructed by author and consultant, Rick Copeland, who has 20+ years industry and training experience.
- Inclusion of online course, Introduction to Python Programming – To prepare you for the workshop you will have access to our online course.
- Data science and machine learning book included – Included in the package is a comprehensive book on mathematical and statistical methods for data science and machine learning that will promote further learning after the course.
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Price: \$499

Price: \$799 (combined with Introduction to Machine Learning)

### Outline

- What is data science and introduction to Jupyter notebook
- Python numerical processing
- 
- Why is Python bad for number crunching
- Numpy for performance
- Slicing and dicing numpy arrays
- Pandas for data munging
- 
- Pandas Series and DataFrame objects
- Getting data into / out of Pandas
- Filtering, concatenating, and merging DataFrames
- Grouping DataFrames
- Matplotlib for visualization
- 
- Figures, axes, plots, and subplots
- Integration with Pandas
- Scipy for scientific computing (as time permits)
- 
- Scipy.stats and random variables
- Demo of Scikit-Learn for ML

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## Participants

**Rick Copeland** - Python Programming Expert and Innovation Academy Trainer, Instructor, Entrepreneur and Developer

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## Opening Keynote: Evolving a global institution around AI - A conversation with Lori Beer

09:20 - 09:45

1) Deliver - CxOs and Top-Level Business Leaders

### Participants

**Lori Beer** - Global Chief Information Officer, JPMorgan Chase

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## Chairperson's Welcome

09:40 - 09:50

4) AI Finance Summit

### Participants

**Yue Malan** - Senior Research Analyst, Aite Group

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## AI meets AR - Supercharging model building and validation for regulatory compliance

09:45 - 10:10

1) Deliver - CxOs and Top-Level Business Leaders

Senior Representative, IBM

### Participants

**Seth Dobrin** - Vice President and Chief Data Officer, IBM Watson

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## Welcome from Chair and Intro

09:50 - 10:00

2) Implement - Senior Strategists and Heads of Function

### Participants

**Salvatore Salamone** - Editor in Chief, RT Insights

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## Harnessing Data to Identify Opportunities & Inform Personalization

09:50 - 10:10

4) AI Finance Summit

### Participants

**Neil Sanyal** - Global Head of Research Digital Marketing, Morgan Stanley

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## Chairperson's Welcome

09:50 - 10:00

5) AI Retail Summit

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## AI for the Online Travel Marketplace: Platforms and Solutions

10:00 - 10:25

2) Implement - Senior Strategists and Heads of Function

As the world travel platform, Expedia Group helps knocking down the barriers to travel, making it easier, more enjoyable, more attainable and more accessible. We are taking the AI-First approach to bring the world within reach for customers and partners around the globe. We built our own scalable, performing AI platform to support fast adoption and innovation of AI-First solutions for all our brands, partners, and suppliers. We have built unique expertise in AI for Travel in Deep Learning, NLU/NLP, Computer Vision, and many more areas. We executed with speed and precision to deliver the AI-First travel experience.

### Participants

**Luyuan Fang** - Head of AI Lab - VP Technology, Expedia Group

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## Welcome and Introduction to AI Summit and NYAI

10:00 - 10:20

3) Develop - Heads of Tech and Practitioners

### Participants

**Maryam Farooq** - Founder and Director, NYAI

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## How Target is Using AI to Modernize its Supply Chain

10:00 - 10:25

5) AI Retail Summit

State-of-the-art AI is helping Target build a supply chain that's faster, smarter and more efficient – to better serve guests shopping in store, online or on the go. Target's Chief Data and Analytics Officer Paritosh Desai will discuss:

- How technology, new processes and data optimization has enabled Target's stores-as-hub model
- How AI is transforming inventory management intelligence
- How predictive analytics is playing a growing role in store replenishment.

### Participants

**Paritosh Desai** - Chief Data and Analytics Officer, Target

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## The past and future of AI in the Department of Energy

10:10 - 10:35

1) Deliver - CxOs and Top-Level Business Leaders

### Participants

**Rick Perry** - Secretary of Energy, United States Government

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## Leverage AI & Automation to build a Cognitive Connected Financial Services Enterprise

10:10 - 10:30

4) AI Finance Summit

This session will explore the following:

- Why is a Cognitive Connected Financial Enterprise important today?
- Generating insights across the customer journey.
- Proven case studies and real examples of financial enterprises solving business challenges through AI and automation.

### Participants

**Praveen Kombial** - Global Product Head - Business Applications, EdgeVerve

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## Navigating the Practical Challenges of Making AI Real – Data Integration, Data Quality Assurance and Model Implementation

10:20 - 10:45

3) Develop - Heads of Tech and Practitioners

While the sci-fi-sounding AI scenarios highlight the technology's incredible computational power, the practical, effective applications begin with data. – Forbes.com. To make AI real, organizations face three practical challenges:

1. Integrating data across multiple sources
2. Resolving data quality issues
3. Implementing machine learning models quickly and efficiently

The presentation will focus on the approach of addressing these concerns to reduce time to market and enhance ROI of AI initiatives.

### Participants

**Hindol Basu** - CEO, Actify Data Labs

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## From Chatbot to Conversational Excellence

10:25 - 10:50

2) Implement - Senior Strategists and Heads of Function

Customer expectations are changing fast. Conversational platforms will change the way humans interact with technology in the future. Artificial Solutions believes that people should be able to interact with technology intelligently, using their own voice, in their own terminology and across whatever channel they choose. Andy Peart, CMSO of Artificial Solutions, will present the 5 key ideas that make Conversational AI radically different from chatbots.

### Participants

**Andy Peart** - Chief Marketing and Strategy Officer, Artificial Solutions

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## Beauty AI 360: Mastering AI for Consumer-Centric Solutions

10:25 - 10:50

5) AI Retail Summit

Perfect Corp. founder and CEO, Alice Chang, will dive into the evolving consumer-centric strategy necessary in today's competitive landscape. She will spotlight the advanced AI and AR technology helping beauty brands and retailers connect with their customers through tailored, interactive, personalized experiences that drive conversions. Live onsite demos will showcase successful use cases illustrating how brands are leveraging YouCam AI and AR beauty tech across omni-channel touchpoints to meet the demand for a consumer-centric approach.

### Participants

**Alice Chang** - CEO & Founder, PerfectCorp

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## Embrace the Future of Work - an IBM Perspective

10:30 - 10:50

4) AI Finance Summit

### Participants

**Jim Casey** - Director - Digital Business Automation, IBM

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## AI Opportunity Audit - Roadmapping Session

10:30 - 11:30

Lounge 2: AI Implementation Studio - Workshops

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## There is Nothing Artificial About Artificial Intelligence - What's Real, What's Hype and How to Get Going?

10:35 - 11:00

1) Deliver - CxOs and Top-Level Business Leaders

### Participants

**Jeff McMillan** - Chief Analytics and Data Officer, Morgan Stanley

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## Managing AI Research Projects

10:45 - 11:10

3) Develop - Heads of Tech and Practitioners

1. Intro

2. What makes AI projects management different from general SW projects management

3. Data

4. Research process

5. People

### Participants

**Mihail Sirotenko** - Team Lead - Senior Applied Researcher, GoogleAI, Google

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## Improving the Future of Work through Enhanced Digital Intelligence

10:50 - 11:15

2) Implement - Senior Strategists and Heads of Function

Automation has been facing serious roadblocks. The most common are process bottlenecks and lack of transparency, inability of systems to analyze unstructured information and low scalability. ABBYY's chief innovation officer Anthony Macciola will tell how these long-standing pain points can be resolved with the help of Artificial Intelligence. ABBYY's AI gives the new digital workforce the skills to understand enterprise content and processes. We call this Digital Intelligence for the enterprise.

### Participants

**Anthony Macciola** - Chief Innovation Officer, ABBYY

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## Morning Networking Break

10:50 - 11:10

4) AI Finance Summit

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## The Future of AI in Retail: Insights From the Walmart Intelligent Retail Lab

10:50 - 11:15

5) AI Retail Summit

A review of the current state of AI in retail, how we got here, and where we're going. What are the core technologies, tools, and business decisions facing retailers, and how is Walmart addressing them with its Intelligent Retail Lab?

### Participants

**Jason Nichols** - Director of AI, Intelligent Retail Lab, Walmart

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## Racing ahead with Artificial Intelligence

11:00 - 11:25

1) Deliver - CxOs and Top-Level Business Leaders

### Participants

**Armen Kherlopian** - Chief Science Officer, Genpact

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## Investment Strategies - Identifying Emerging Low-Risk / High Return Use Cases in Automation and AI

11:00 - 12:00

Lounge 1: AI Forbes Boardroom - CxO Seminars

### Participants

**Thomas Vincent** - Senior Director, Head of Data Science, Getty Images

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## Comcast's Deep Dive into The World of AI

11:10 - 11:35

3) Develop - Heads of Tech and Practitioners

In this talk we will describe how Comcast uses AI and Machine Learning in many of its products from the Emmy winning voice remote and content discovery algorithms, to using media analytics to create a better experience for our customers in the home on the X1 entertainment system. We will also talk about a major recent effort by Comcast to improve the customer service experience for its customers with virtual assistants and reinforcement learning.

### Participants

**Jan Neuman** - Senior Director - Applied AI Research, Comcast

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## Delivering a Focused Strategy on Impactful, Actionable, and Scalable AI Technologies in the Insurance Industry

11:10 - 11:30

4) AI Finance Summit

In the insurance industry, AI is transforming areas such as underwriting, customer service, claims, marketing and fraud detection. This session will be exploring how to develop a strategy to harness business opportunities by leveraging AI. The path from concept, evangelization, strategy to execution for a use case at Everest Re will be discussed.

### Participants

**Sumeet Maheshwari** - VP, Reinsurance IT, Everest Re

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## Morning networking break

11:15 - 11:45

2) Implement - Senior Strategists and Heads of Function

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## Morning Networking Break

11:15 - 11:45

5) AI Retail Summit

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## Morning networking break

11:25 - 11:55

1) Deliver - CxOs and Top-Level Business Leaders

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## Transforming Financial Services through RPA and Intelligent Automation

11:30 - 11:50

4) AI Finance Summit

The overwhelming majority of financial institutions still heavily rely on manual processes, which tend to be inefficient, costly and increase the probability of errors and fraud.

The good news is that over 25% of Financial Services business processes are likely to be automated in the next few years. Implementing Robotic Process Automation (RPA) with cognitive intelligence is a critical tool to help Organizations automate manual repetitive activities, access unstructured data, and quickly deliver error-free results.

In this session, Automation Anywhere will offer insights on how banks have successfully implemented RPA. You will hear about:

- How RPA technology is evolving and where it is being used
- RPA and cognitive intelligence solutions trends in Financial services
- Example RPA use cases in Financial Services

### Participants

**Steven Gold** - Global Industry Leader - Financial Services, Automation Anywhere

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## Morning networking break

11:35 - 12:00

3) Develop - Heads of Tech and Practitioners

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## Panel - The AI Ecosystem Imperative

11:45 - 12:30

2) Implement - Senior Strategists and Heads of Function

Deloitte, together with a panel of industry, startup, academic, and government representatives, will explore the importance of engaging the entire ecosystem of partners in order to enable your organization's AI success.

### Participants

**Sheryl Jacobson** - Strategy and Transformation Leader, Deloitte Consulting

**Gauthier Vasseur** - Executive Director - CEO and Founder, Berkeley Fisher Center

**Rachel Trombetta** - Software Director, GE Digital

**Igor Taber** - SVP of Corporate Development and Strategy, DataRobot

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## Using AI to Drive Revenue Across the Retail Industry

11:45 - 12:10

5) AI Retail Summit

The retail industry is embracing AI in a variety of ways. Attend this session to:

- Identify the key drivers of AI in the retail environment, and assess the potential barriers to adoption
- Learn about the top use cases for AI in retail, and how they're being applied in a real-world environment by retailers
- Hear about the key vendors in the space, and how they're working with retailers to deliver real-world ROI from retail AI implementations

### Participants

**Keith Kirkpatrick** - Principal Analyst, Tractica

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## Training and Deploying Classification Models with AutoML

11:45 - 12:45

Lounge 2: AI Implementation Studio - Workshops

### Participants

**Paul Ganssle** - Senior Software Engineer, Google

**Peter Grabowski** - Software Engineering Manager, Google

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## Real World Success Stories to Help You Prepare and Scale AI

11:50 - 12:10

4) AI Finance Summit

The deployment of AI has tripled in the past year, but many organizations struggle to scale AI beyond an initial use case. Join us to learn more about strategically preparing for AI adoption to provide initial value as well as prepare for scale. We will walk through a strategic approach to AI adoption, leveraging several real-world examples pertinent to Financial Services organizations.

### Participants

**Christine Livingston** - Chief Strategist and Practice Director, Artificial Intelligence, Perficient

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## Innovating The Future of AI-enabled Autonomous Flight with Lockheed Martin

11:55 - 12:20

1) Deliver - CxOs and Top-Level Business Leaders

### Participants

**Robie Samanta Roy** - Vice President, Technology, Lockheed Martin Government Affairs

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## Panel: AI and ML Enabled Speech Technology - Exploring The Latest Disruptions in The Space and Their Implications for Users

12:00 - 12:40

3) Develop - Heads of Tech and Practitioners

Current AI and machine learning (ML) technologies are starting to change the way we build and innovate. However, the power of our current ML technologies is not fixed. This panel discussion will explore where ML is at the moment and where it is heading in the next 10 years. How are its current uses cases different from those we can expect to see in the future? How will increased technological leverage change how we do business? This panel will explore these themes and their impact on the application of speech technology (ASR).

### Participants

**Mark Beccue** - Principal Analyst, Tractica

**Sam Ringer** - Machine Learning Engineer, Speechmatics

**James Lyle** - Director, Custom Linguistic Solution, Appen

**Laura Horvath** - Director of Product Marketing, Figure Eight, an Appen Company

**Nandhu Nandhakumar** - Senior Vice President, Advanced Technology, LG Technology Centre of America

**Claire Mitchell** - Director, Innovation, VaynerMedia

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## Fireside Chat: Hyperpersonalizing the Customer Experience with Conversational AI

12:10 - 12:40

4) AI Finance Summit

### Participants

**Sunny Parikh** - Vice President and Co-Head, FinTech Innovation Lab NY, Partnership Fund for New York City

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## Deep Learning for Retail Innovation at Sears

12:10 - 12:35

5) AI Retail Summit

Highlights:

- Applying Deep Reinforcement Learning (AlphaGo) to plan best moves for long term gains. Applied to Inventory/Procurement, Marketing. Coupons.
- Applying Generative Adversarial Neural Networks for AI generated best selling Footwear for Retail Private Labels.
- AI based Anomaly detection applied to Sales, Procurement Fraud Detection
- AI based Store Simulators to test out various store strategies before deploying in real life.

### Participants

**Srini Kandala** - Head, Innovation and Sears Deep Learning Center, Sears

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## AI: Cyber defense or cyber-threat?

12:20 - 12:45

1) Deliver - CxOs and Top-Level Business Leaders

### Participants

**Justin Fier** - Director for Cyber Intelligence & Analytics, Darktrace

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## Top 3 Lessons Learned Deploying Real-World AI

12:30 - 12:55

2) Implement - Senior Strategists and Heads of Function

While Artificial Intelligence (AI) is fueling amazing innovation in many industries, deep learning and various related technologies remain a giant mystery for most looking to get started. At Pure, we helped build and deploy some of the most advanced infrastructures for AI, including powerful AI supercomputers to systems for customers across use cases, including healthcare, financial services, and autonomous vehicles.

In this session, we will share the top three lessons learned in making AI initiatives successful in real-world deployments.

### Participants

**Ramnath Sai Sager** - AI Product and Solutions Lead, Pure Storage

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## The Maker Mindset: Simplifying Decisions by Doing

12:35 - 13:00

5) AI Retail Summit

For most organizations the hardest part of AI is understanding how we can harness it for our business. Let's look at how we might structure decisions to make the most of the data we have right now while laying the groundwork for the future.

### Participants

**Ryan Kee** - Director - Innovation, AI, Walmart

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## Efficient Data Labeling for AI

12:40 - 13:00

3) Develop - Heads of Tech and Practitioners

Data is the power behind Machine Learning algorithms. In an era where data is ever more abundant, the applications of Machine Learning also are growing exponentially.

Currently, the most successful paradigm for training is Supervised Learning—which requires labeled data. While data acquisition is not a problem, given the myriad ways we interact with and create data, labeling that data with the quality required for these algorithms to perform is very challenging. Complexity, time, money, and available workforce all impact data labeling quality. Suddenly, getting the right data becomes the most important part of building AI.

To minimize the challenges of data labeling, we need to label faster, cheaper and smarter. We'll look at three approaches to consider: a combination of Machine Learning and Human in the loop; techniques like Transfer Learning; and strategies like Active Learning.

### Participants

**Aristotelis Kostopoulos** - Vice President, Product Solutions, AI, Lionbridge Technologies

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## 5 Worst Practices for AI / ML Deployments – And How to Avoid Them

12:40 - 13:00

4) AI Finance Summit

Enterprise organizations in every industry are adopting modern, advanced analytical techniques using AI and Machine Learning (ML) for a variety of different use cases. However, many of these enterprises are struggling to operationalize these AI / ML environments for large-scale deployments across their data science and analyst teams. That's because they often implement anti-patterns or "worst practices" that ultimately trip up those deployments. In this session, we'll explore the most common anti-patterns and how to avoid them – while designing a strategy of best practices for AI / ML in the enterprise.

### Participants

**Matt Maccaux** - Global Field CTO, HPE BlueData

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## The emerging distributed application platform for AI-assisted business

12:45 - 13:10

1) Deliver - CxOs and Top-Level Business Leaders

Where Digital Transformation meets LoB evolution

What is the case for instrumentation

Who is successful at unlocking new business value using AI-assisted operations

### Participants

**Geng Lin** - EVP & CTO, F5 Networks

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## Using AI and Blockchain to Monetize the Mobile Economy

12:55 - 13:15

2) Implement - Senior Strategists and Heads of Function

Consumers create a data trail by tapping their phones; businesses can tap into this trail to harness the power of the three trillion dollar mobile economy. This two-way exchange benefits both customers and businesses. In this talk, Dr. Ghose will discuss how Blockchain, AI and mobile technologies are being used by firms to monetize the digital economy.

Drawing from his best selling and award winning book, TAP: Unlocking The Mobile Economy, that paints his work in the US, Europe, and Asia, with companies including Alibaba, Apple, China Mobile, CBS, NBC, Facebook, SK Telecom, Samsung, Snapchat, and Travelocity, he will identify the nine forces that shape consumer behavior, including location, context, time, crowdedness, trajectory, and weather, and examine how these forces operate, separately and in combination to enable retailers and convenience stores target consumers with mobile ads, coupons and offers.

When mobile advertising is done well, the smartphone plays the role of a personal concierge—a butler, not a stalker. This talk will highlight the true influence mobile wields over shoppers, and the lucrative opportunities it represents. In a world where Blockchain is being used to tackle digital ad fraud, the future of the mobile economy seems limitless.

### Participants

**Anindya Ghose** - Heinz Riehl Chair Professor of Business at Stern School of Business, New York University

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## Lunch break and opportunity to visit the expo

13:00 - 14:00

3) Develop - Heads of Tech and Practitioners

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## Intelligent Finance: Searching for Success in Financial Services

13:00 - 13:20  
4) AI Finance Summit

Financial institutions need information, not data. On average, financial employees waste a day a week searching across silos, systems, and clouds for information. It's pre-digital-age work. Attend this session to learn how AI-Powered Search gives your employees the information and intelligence they need.

This session will help you understand new, low-disruption approaches to use cases across investment management and retail banking,

Attend this session to hear how financial institutions can use AI-Powered Search to:

- Rethink competitive survival and success.
- Learn how one of our customers saves over \$21 million per year with our platform.
- Implement a unified platform to support multiple use cases across sales, service, transformation, investment research, M&A, and new products.
- Maximize value from all your data. External and internal. Structured and unstructured.

### Participants

**John Finneran** - Product Marketing Lead, Financial Services, Sinequa

## Networking Lunch

13:00 - 14:00  
5) AI Retail Summit

## Workshop: 5 Habits of Highly Productive Companies - Exploring AI, Innovation and Happiness

13:00 - 14:00  
Lounge 2: AI Implementation Studio - Workshops

"What makes a company productive? We will explore how innovation, creativity and the latest technological advances help foster faster and lasting changes in this area.

Did you know that if employees are happy, their productivity raises significantly? This workshop also focuses on how corporations can use the latest research in happiness and employee satisfaction to support productivity and growth.

Format: presentation, discussion.

Bonus: relaxation techniques and habits of happiness – tips from around the world."

### Participants

**Julia Benz** - Office of The CIO, Ford Motor Company

## Lunch break and opportunity to visit the expo

13:10 - 14:00  
1) Deliver - CxOs and Top-Level Business Leaders

## Lunch break and opportunity to visit the expo

13:15 - 14:05  
2) Implement - Senior Strategists and Heads of Function

## Lunch break and opportunity to visit the expo

13:20 - 14:10  
4) AI Finance Summit

## The future of AI in China

14:00 - 14:10  
1) Deliver - CxOs and Top-Level Business Leaders

### Participants

**Chua Kong Ho** - Technology Editor, South China Morning Post

## Chair's Opening Remarks

14:00 - 14:10  
3) Develop - Heads of Tech and Practitioners

### Participants

**Karen Bhatia** - Senior Vice President, New York City Economic Development Corporation

## How Shopify Leverages Data and ML to Power 1M+ Merchants

14:00 - 14:25  
5) AI Retail Summit

- Overview of the data and the data platform evolution at Shopify
- How ML is applied at Shopify
- Exploring use cases (fraud detection, recommendations, etc.)

### Participants

**Xinyi Zhao** - Technical Product Lead, Shopify

## Business Leaders' Essential AI Market Overview with Tractica - Q4 Forecast Update & 2020 Outlook

14:00 - 15:30  
Lounge 1: AI Forbes Boardroom - CxO Seminars

### Participants

**Aditya Kaul** - Research Director, Tractica

**Keith Kirkpatrick** - Principal Analyst, Tractica

## Introduction to Machine Learning

14:00 - 18:00  
Lounge 3: AI Academy - Training Sessions

### Course Description

Machine learning is a subset of artificial intelligence (AI) that provides systems with the ability to learn and improve from experience, without a need for explicit instructions. While a simple concept, machine learning has opened a world of possibilities and today it being used across various industries for a multitude of functions whether this be improving customer experiences through making personalised recommendations to predicting future values of a stock price.

This half-day workshop is designed for data science/machine learning beginners and will walk you through machine learning concepts with SciKit-Learn, a full-featured machine learning toolkit for Python.

Depending on your level, this course can be complimented with, 'Introduction to Data Science' that will be held in the morning.

### Why this course?

- Hands-on training – This course will provide practical guidance on SciKit-Learn and machine learning models
- Experienced trainer – You will be instructed by author and consultant, Rick Copeland, who has 20+ years industry and training experience.
- Inclusion of online course, Introduction to Python Programming – To prepare you for the workshop you will have access to our online
- Data science and machine learning book included – Included in the package is a comprehensive book on mathematical and statistical methods for data science and machine learning that will promote further learning after the course.

Price: \$499

Price: \$799 (combined with Introduction to Data Science)

### Outline

- Introduction to Machine Learning
  - Supervised vs unsupervised learning
  - Regression vs classification
  - Performance: the bias/variance trade-off
- Survey of ML Models in Scikit-Learn
  - Linear models
  - Trees & forests
  - K-nearest neighbors
  - K-means clustering
- Preprocessing data for ML models
  - Feature engineering and selection
  - Feature scaling
  - Principal component analysis
- Evaluating ML models
  - Accuracy, precision, and recall
  - Test/train/validate splits

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- Cross-validation

## Participants

**Rick Copeland** - Python Programming Expert and Innovation Academy Trainer, Instructor, Entrepreneur and Developer

## Building an AI Engine Your Customers Can Trust

14:05 - 14:25

2) Implement - Senior Strategists and Heads of Function

Gravity is unforgiving and missions cannot fail; this is a story of how AI delivers success in aircraft readiness and maintenance when failure is not an option.

Lockheed Martin's journey to creating an AI process that fosters repeatability, smarter automation, and cost savings. By minimizing the risk of failure and creating repeatable incremental successes, there is now a foundation of trust in the output of AI that helps meet stringent customer standards and company financial goals.

Using SAS AI provides the edge to focus resources where they are needed most – on fulfilling critical missions.

## Participants

**Lonnie Miller** - Principal Industry Consultant, SAS

**Mike Isbill** - Fellow/Data Analytics, Air Mobility and Maritime Missions, Lockheed Martin

## Smarter Enterprises Built on AI

14:10 - 14:35

1) Deliver - CxOs and Top-Level Business Leaders

## Participants

**Atul Soneja** - Global Head, EdgeVerve

## Kubeflow Pipelines - Speeding Up The Development Cycle for New Models and Simplifying Deployments of Models to Production

14:10 - 14:30

3) Develop - Heads of Tech and Practitioners

- Speeding up the development cycle for new models with Kubeflow pipelines.
- Offering visibility and debuggability into machine learning pipelines.
- Simplifying deployments of models to production.

## Participants

**Ammar Naqvi** - Product Manager for Kubeflow, Canonical

**Kenneth Koski** - Machine Learning Engineer, Canonical

## The Who Behind AI - Methodologies for The Product Managing of AI Products in Legacy Financial Services Companies

14:10 - 14:30

4) AI Finance Summit

## Participants

**Ehsan Yousefzadeh** - AI Product Manager, AIG

## WorkFusion Enterprise Success: NY-Presbyterian's Use of Intelligent Automation Improves Patient & Employee Experiences

14:25 - 14:50

2) Implement - Senior Strategists and Heads of Function

Hear how NY-Presbyterian's journey into Intelligent automation positively affected a number of areas of strategic priority, including patient care, job satisfaction, productivity and an increased capacity to handle an ever-expanding workload.

## Participants

**Vishal Sheth** - Director of Transformation, New York Presbyterian Hospital

## Applied Science and Intelligence at Staples' eCommerce & Retail

14:25 - 14:50

5) AI Retail Summit

This talk will cover:

- How data and decision science is being applied in the eCommerce & Retail industry
- What is Staples' approach
- Potential new frontiers for intelligent applications

## Participants

**Nitin Verma** - VP, Digital Solutions, Staples

## Practical ML in DevOps: An example from A Financial Technology Company...

14:30 - 14:50

3) Develop - Heads of Tech and Practitioners

Most of the FinTech enterprises need to comply with stricter data privacy laws and internal compliance regulations and end up not taking advantage of the wealth of operations information that can be generated if cross divisional data sets are synthesized. Brown field migration of the data assets into AWS Sage Maker or Azure ML or Google ML is easier said than done for the Financial firms due to competing regulations and data privacy rules.

We shall present an effective internal mechanism to connect the front-to-back operations chain to provide better DevOps solutions that are based on Data Sciences and Machine Learning. Most importantly, how reasonable it is for the enthusiasts to build a learning model and apply both reinforced learning techniques and transfer learning techniques to make their ML models more intelligent and adaptive for better Devops..

## Participants

**Murali Nandigama** - Director of Engineering, Barclays International

## Proactive Compliance Risk Management & Investigations - Powered by AI

14:30 - 14:50

4) AI Finance Summit

The session will cover how organizations can leverage the power of AI to move from reactive compliance monitoring to transform towards proactive, efficient and timely identification of compliance and regulatory issues – thereby reducing the potential impact of reputational, harm and financial liability. Developing and executing on an AI strategy can help organizations broaden their coverage of issues and deploy their workforce more effectively on higher value activities.

## Participants

**Satish Lalchand** - Principal, Deloitte Risk and Financial Advisory

## Securing Your Enterprise - Leveraging ML for Threat Detection and Multi-Layer Security - AI Security Strategy Workshop + Demo

14:30 - 15:30

Lounge 2: AI Implementation Studio - Workshops

## Participants

**Justin Fier** - Director for Cyber Intelligence & Analytics, Darktrace

### Anticipatory Banking: Using AI to Create Advantage in a Digital World

14:35 - 15:00

1) Deliver - CxOs and Top-Level Business Leaders

In today's digital world, customers expect businesses to understand their needs. While this may sometimes sound like an exercise in clairvoyance, the truth is that many customers don't say what they want. By using AI and machine learning to gather and analyze behavioral, social and transactional data, it is possible for organizations to develop a far deeper, more personal understanding of their customer, thus addressing their unique needs in a personal and relevant way. In this talk by Rashed Haq, Publicis Sapient's global head of artificial intelligence, robotics and data, will explore practical applications for AI and challenges addressed bridge the gap between expectation and fulfilment.

#### Participants

**Rashed Haq** - Global Head of AI, Robotics & Data, Publicis Sapient

### Sustainability and Profitability Through AI in The Supply Chain

14:50 - 15:10

2) Implement - Senior Strategists and Heads of Function

#### Participants

**Andreas Schmidt** - Product Director, Blue Yonder GmbH, A JDA Company

### Real Time Event Detection on Social Media Streams

14:50 - 15:10

3) Develop - Heads of Tech and Practitioners

Social networks are quickly becoming the primary medium for discussing what is happening around real-world events. The information that is generated on social platforms like Twitter can produce rich data streams for immediate insights into ongoing matters and the conversations around them.

To tackle the problem of event detection, we model events as a list of clusters of trending entities over time.

We describe a real-time system for discovering events that is modular in design and novel in scale and speed: it applies clustering on a large stream with millions of entities per minute and produces a dynamically updated set of events. In order to assess clustering methodologies, we build an evaluation dataset derived from a snapshot of the full Twitter Firehose and propose novel metrics for measuring clustering quality. Through experiments and system profiling, we highlight key results from offline and online pipelines.

Finally, we visualize a high profile event on Twitter to show the importance of modeling the evolution of events, especially those detected from social data streams.

#### Participants

**Ashish Bansal** - Senior Engineering Manager, ML (Recommendations), Twitter

**Samir Chainani** - Senior Software Engineer, Twitter

### Weaving Artificial Intelligence into Enterprise Product Strategy

14:50 - 15:10

4) AI Finance Summit

This session will explore how Moody's Machine Learning team created ML Fabric™ to enable rapid prototyping and go-live for Artificial Intelligence & Machine Learning products. The team will share how their framework enabled the development of new AI solutions for automated spreading (Moody's QUIQspread™) and automated compliance risk assessment (Moody's Adverse Media).

#### Participants

**Ashit Talukder** - Head of Machine Learning, Moody's Analytics Accelerator, Moody's

**Rupinder Khandpur** - Director of Software Architecture, Moody's Analytics Accelerator, Moody's

### Optimizing Multichannel Self-Help Experiences for Customers

14:50 - 15:15

5) AI Retail Summit

#### Participants

**Speaker TBA**, Agara

### Accelerating the AI Journey Through Open Innovation

15:00 - 15:25

1) Deliver - CxOs and Top-Level Business Leaders

From artificial intelligence to the Internet of Things, companies are connecting the physical world to the fast-changing digital world. This shift towards digital transformation can create roadblocks for many companies. Open Innovation can help companies that want to move beyond ideas to actually extending their core business into new markets. Open Innovation involves drawing on global resources and working with external partners to fill in gaps and accomplish mutual goals. During this TED-like presentation, Dr. Tolga Kurtoglu will provide best practices and tangible examples of how Open Innovation can accelerate organizations' AI journey.

#### Participants

**Tolga Kurtoglu** - President, PARC, a Xerox Company

### AI at Enterprise Scale - The Four Dimensions of Sustainable Success

15:10 - 15:30

2) Implement - Senior Strategists and Heads of Function

This presentation will give you a pragmatic, tested, and effective framework for overcoming some of the most common AI roadblocks and for speeding up value creation, creating alignment across diverse stakeholders and delivering differentiated AI solutions. This comprehensive approach ensures success well beyond pure model performance and takes into account the complex regulatory, technical and political challenges of AI at enterprise scale.

#### Participants

**Bjorn Austra** - SVP, AI Enterprise Solutions - Agile AI, Wells Fargo



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## Value Delivery in AI: Roadmapping Machine Learning Products vs. Traditional Software

15:10 - 15:30

3) Develop - Heads of Tech and Practitioners

"What's the value?"

This is one of the most dreaded phrases to hear from leadership after months of hard work.

Unlike software development, the incremental delivery of a machine learning project can be harder for business leaders, partners and stakeholders to grasp. With more investment going into this space, growing team sizes, and increasingly complex problems to solve, the need for quality product management in AI has increased in recent years to ensure these investments are creating the most value. The result has been the need for a more robust approach which brings together the best of product management with the needs of more hypothesis-driven teams.

Whether you are a tech partner, researcher, business leader or in a product role today, this session will highlight tactics to improve alignment, roadmapping, and continuous delivery of AI projects across your organization.

### Participants

**Trevor Gurgick** - Product Manager - Machine Learning and Data Science, Audible, Inc

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## Leveling up Artificial Intelligence: Architecting Teams That Operate and Prioritize Efficiently

15:10 - 15:20

4) AI Finance Summit

Serkan will be sharing his experience and insights on the different levels of Artificial Intelligence that companies go through. From when a company is just starting from scratch and evaluating AI technology and infrastructure, to AI mature companies who have institutionalized AI transformation within their organization. Walking through the different levels of AI maturity within a company, showing what companies can do to move to the next level, and architect teams that operate and prioritize efficiently.

### Participants

**Serkan Piantino** - CEO & Founder, Spell

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## Measuring Incremental Value of a business using Machine Learning Algorithms - CastleGate Wayfair Case Study

15:15 - 15:40

5) AI Retail Summit

Wayfair launched the CastleGate program, a leading drop-ship operation in 2014, helping 300+ suppliers boost sales by delivering products to customers faster, safer, and at a lower cost than ever before. As we expand our supplier partnership footprint in CastleGate, it's critical for us to quantify incremental dollar impact of entering a product in the program, which translates into a challenge for analytics in absence of historical experimental design. In this session, learn how we leveraged multiple machine learning algorithms on top of Bayesian time series forecasting to gauge incremental value of CastleGate.

### Participants

**Ankit Mangal** - Associate Director, Web Analytics, Wayfair

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## ICED(AI) Fireside Chat: AI in Asset Management

15:20 - 15:40

4) AI Finance Summit

### Participants

**Lloyd Danzig** - Chairman & Founder, ICED(AI)

**Andrew Dassori** - Founding Partner & Chief Investment Officer, Wavelength Capital Management

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## Enterprise ML - Breaking Through the Wall to Production

15:25 - 15:50

1) Deliver - CxOs and Top-Level Business Leaders

Imagine a business where every process, product and experience is instrumented to capture data for continuous analysis and automated, intelligent response. While born-on-data disruptors build their businesses based on these capabilities, traditional enterprises are finding they must embrace, adopt and transform around them.

And while corporate AI initiatives are fueling investment in new technologies and skills profiles, organizations are finding it's not enough. Operationalizing machine learning requires building a culture and operating environment for experimentation and continuous learning across the ML development lifecycle at scale.

We'll address the cultural and technological barriers to transferring machine learning from research to business results and how leading enterprises are forging ahead.

### Participants

**Mick Hollison** - Chief Marketing Officer, Cloudera

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## Lessons Learned to Get The Most Return on Your AI Initiatives

15:30 - 15:50

2) Implement - Senior Strategists and Heads of Function

Gannett | USA TODAY NETWORK is at the forefront of digital media reaching an audience of over 140M monthly, and brings together local communities and businesses.

Kris Barton, Chief Product Officer at Gannett | USA TODAY NETWORK, will speak on the company's successes using AI in its approach to its digital marketing solutions platform, LOCALiQ. Kris will share how he leads a team that innovates with AI to create and continue the evolution of a stronger set of marketing solutions for our clients. This session will explore the lessons Gannett has learned in deploying AI and how businesses can expand their ROI through the use of AI.

### Participants

**Kris Barton** - Chief Product Officer, USA Today Network

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## Using Data Science Insights to Help Users Challenge The Status Quo of Decision Making

15:30 - 15:50

3) Develop - Heads of Tech and Practitioners

### Participants

**Kayla Brizo** - Lead Product Manager - Data & Analytics, Sony Music Entertainment

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## Afternoon Networking Break

15:40 - 16:05

4) AI Finance Summit

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## Chairperson's Closing Remarks

15:40 - 15:50

5) AI Retail Summit

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## Afternoon networking break

15:50 - 16:30

1) Deliver - CxOs and Top-Level Business Leaders

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## Afternoon networking break

15:50 - 16:25

2) Implement - Senior Strategists and Heads of Function

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## Afternoon networking break

15:50 - 16:30

3) Develop - Heads of Tech and Practitioners

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## AI in Insurance: Modelling the Value of Risk

16:05 - 16:25  
4) AI Finance Summit

### Participants

**Boyi Xie** - Head Modelling & Insights Americas, VP, Swiss Re

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## Building and Scaling AI Capabilities Across the Oil and Gas Value Chain

16:25 - 16:45  
2) Implement - Senior Strategists and Heads of Function

The O&G industry has always been a technology driven industry. Opportunities for artificial intelligence are endless, with applications spanning the entire value chain, from evaluating seismic and wellhead data to optimizing manufacturing.

But adopting and scaling new digital technologies can be challenging for multiple reasons. Additionally, the emphasis on safe and reliable operations raises other considerations that are unique to the O&G sector.

### Participants

**Sarah Karthigan** - Global AI Executive - Data Science Manager, ExxonMobil

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## Machine Learning for Software Testing

16:25 - 16:35  
4) AI Finance Summit

### Participants

**Elena Treshcheva** - Business Development Manager, Researcher, Exactpro Systems

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## Can AI Help to Close the Gender Equity Gap?

16:30 - 16:55  
1) Deliver - CxOs and Top-Level Business Leaders

### Participants

**Katica Roy** - CEO, Pipeline Equity

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## Similarity in Machine Learning and AI

16:30 - 16:50  
3) Develop - Heads of Tech and Practitioners

Similarity measures are the driving force for nearly every machine learning algorithm and AI driven technology.

From cleaning customer information, to ranking product recommendations, to identifying audiences, the application of machine learning and AI in media and entertainment are limitless.

The latest technologies offers users the ability to implement these algorithms faster than ever, but selecting the right measurement can impact the performance, accuracy and scalability of any model.

In this talk, you will learn how similarity can be quantified using different measures and applied to fit the data, the model and the business objective.

### Participants

**Jennifer Shin** - Product Director, Contextual and Adjunct Assistant Professor at NYU Stern School of Business, NBCUniversal Media

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## Panel: Optimizing Legacy IT Architecture to Facilitate Implementation of AI in The Financial Services Sector

16:35 - 17:15  
4) AI Finance Summit

- Examining the short term effectiveness and long-term potential of start-up vendor partnerships
- Enhancing service offering through insights gained as a result of Machine Learning Implementation
- When should you work with pure-play technology providers, and when should you look to tier 1 consultancies?
- What are the "low hanging fruits" for heads of IT to look out for when identifying new use cases across their stack?
- Handling sensitive data and responsible movement of data across platforms during IT overhaul

### Participants

**Will Thompson** - VP and Managing Director, Thought Leadership, Forbes

**Yue Malan** - Senior Research Analyst, Aite Group

**Andy Mahdavi** - Chief Data Science Officer, States Title

**Vignesh Iyer** - Global Vice President - Emerging Technology, Winjit

**Anurag Setty** - Lead Data Scientist, Barclays US

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## The Business Outline for AI & BOT Deployment

16:45 - 17:05  
2) Implement - Senior Strategists and Heads of Function

1. Pilot Summarize why building a pilot is ideal. How to best to pilot new concepts, including size, duration, and expectations
2. Scale & Training Outline approach to scaling up (slow vs rapid), communication and expectation management, and mindset approach to handling these new concepts (AI/BOT). Describe approach to training; hands on, web vs f2f, check in post launch
3. Change management How to utilize change management to support new "tools", embrace failing, and driving new way of working

### Participants

**James Bongi** - Head of Strategy and Operations for Artificial Intelligence, Novartis

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## Making Commerce Smarter with AI

16:50 - 17:10  
3) Develop - Heads of Tech and Practitioners

### Participants

**Joey Freund** - Data Developer Manager, Shopify

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## How will AI intersect with the other technologies in your roadmap?

16:55 - 17:20  
1) Deliver - CxOs and Top-Level Business Leaders

### Participants

**Ron Bodkin** - Technical Director, Applied Artificial Intelligence, Google

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## The Future of AI for Good - IBM Watson AI XPRIZE

17:05 - 17:40

2) Implement - Senior Strategists and Heads of Function

XPRIZE runs large-scale incentivized competitions to enable breakthroughs and accelerate the future. The initial Ansari XPRIZE helped launch today's private space industry and over the last 20 years XPRIZE has run & awarded prizes in ocean mapping, education, and transforming carbon emissions. Since 2016 XPRIZE has operated the IBM Watson AI XPRIZE competition. This is a \$5 million global competition challenging teams to apply AI (ML, DL, NLP, etc.) to different challenges facing humanity.

This particular panel talk will feature three of the competing organizations in the competition – Element Inc, emPrize, and Aifred Health. The discussion will focus on the AI for Good movement (and its future potential), the challenges around AI for Good (e.g. data inclusivity, structured data for solving grand challenges), and what it takes to operate a company in this new space. In short - this panel will help the audience understand how AI for Good and these particular solutions (from the companies) can build a better future state through human + machine collaboration.

### Participants

**Moderator: Devin Krotman** - Director of the IBM Watson XPRIZE, XPRIZE

**Rebecca Distler** - Director, Global Health Initiatives, Element Inc

**Ashok K. Goel** - Professor, Interactive Computing & Chief Scientist, C21U, Georgia Institute of Technology

**David Benrimoh** - Chief Science Officer, Aifred Health

## A Data-Sharing Model To Accelerate the Implementation of AI in Pharma

17:10 - 17:30

3) Develop - Heads of Tech and Practitioners

Pharmaceutical companies generate large internal datasets across R&D and Operations that can be leveraged to develop or further new AI and ML solutions. In addition, companies have access to real world data sets, such as electronic medical records, claims, and genomic data.

However, today's data-sharing model for allowing potential collaborators to access this internal data, which is sensitive or proprietary, is often cumbersome and legally restrictive. This inability to easily share data prohibits pharmaceutical companies from significantly scaling collaboration and development with external partners. A more nimble and streamlined approach to sharing data with an external network of collaborators is needed to speed AI development and adoption in pharma.

To address this, Pfizer developed its Digital Accelerator that serves as a rapid testing environment for internal and external collaboration supporting business innovation across the company. This talk will detail how Pfizer is delivering an incubation framework to support collaborative development as well as enable and streamline the engagement and evaluation of potential AI and ML partners.

### Participants

**Sandeep Burugupalli** - Head of the Data Center of Excellence, Pfizer

## Headline panel: The role of policy and regulation in the development of AI

17:20 - 18:00

1) Deliver - CxOs and Top-Level Business Leaders

### Participants

**Ana Ariño** - Executive Vice President and Chief Strategy Officer, New York City Economic Development Corporation

**Manuel Morales** - Chief Scientist, AI, National Bank of Canada

**Bob Cohen** - Economist and Senior Fellow, Economic Strategy Institute

**Tim Bradley** - Minister Counsellor (Industry, Science & Education), Australian Government

**Mina Hanna** - Co-Chair, IEEE-SA Global Initiative on Ethics of AI Systems, IEEE

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09:00	<p><b>09:00</b> - Welcome Address</p> <p><b>09:20</b> - Opening Keynote: Evolving a global institution around AI - A conversation with Lori Beer</p> <p><b>09:45</b> - AI meets AR - Supercharging model building and validation for regulatory compliance</p>	<p><b>09:00</b> - Visit Deliver Stage for Opening Keynote</p> <p><b>09:50</b> - Welcome from Chair and Intro</p>	<p><b>09:00</b> - Visit Deliver Stage for Opening Keynote</p>	<p><b>09:40</b> - Chairperson's Welcome</p> <p><b>09:50</b> - Harnessing Data to Identify Opportunities &amp; Inform Personalization</p>	<p><b>09:50</b> - Chairperson's Welcome</p>	<p><b>09:00</b> - Creating A Data Literate, AI Ready Business from The Top Down</p>		<p><b>09:00</b> - Introduction to Data Science in Python</p>
10:00	<p><b>10:10</b> - The past and future of AI in the Department of Energy</p> <p><b>10:35</b> - There is Nothing Artificial About Artificial Intelligence - What's Real, What's Hype and How to Get Going?</p>	<p><b>10:00</b> - AI for the Online Travel Marketplace: Platforms and Solutions</p> <p><b>10:25</b> - From Chatbot to Conversational Excellence</p> <p><b>10:50</b> - Improving the Future of Work through Enhanced Digital Intelligence</p>	<p><b>10:00</b> - Welcome and Introduction to AI Summit and NYAI</p> <p><b>10:20</b> - Navigating the Practical Challenges of Making AI Real – Data Integration, Data Quality Assurance and Model Implementation</p> <p><b>10:45</b> - Managing AI Research Projects</p>	<p><b>10:10</b> - Leverage AI &amp; Automation to build a Cognitive Connected Financial Services Enterprise</p> <p><b>10:30</b> - Embrace the Future of Work - an IBM Perspective</p> <p><b>10:50</b> - Morning Networking Break</p>	<p><b>10:00</b> - How Target is Using AI to Modernize its Supply Chain</p> <p><b>10:25</b> - Beauty AI 360: Mastering AI for Consumer-Centric Solutions</p> <p><b>10:50</b> - The Future of AI in Retail: Insights From the Walmart Intelligent Retail Lab</p>		<p><b>10:30</b> - AI Opportunity Audit - Roadmapping Session</p>	

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11:00	<p><b>11:00</b> - Racing ahead with Artificial Intelligence</p> <p><b>11:25</b> - Morning networking break</p> <p><b>11:55</b> - Innovating The Future of AI-enabled Autonomous Flight with Lockheed Martin</p>	<p><b>11:15</b> - Morning networking break</p> <p><b>11:45</b> - Panel - The AI Ecosystem Imperative</p>	<p><b>11:10</b> - Comcast's Deep Dive into The World of AI</p> <p><b>11:35</b> - Morning networking break</p>	<p><b>11:10</b> - Delivering a Focused Strategy on Impactful, Actionable, and Scalable AI Technologies in the Insurance Industry</p> <p><b>11:30</b> - Transforming Financial Services through RPA and Intelligent Automation</p> <p><b>11:50</b> - Real World Success Stories to Help You Prepare and Scale AI</p>	<p><b>11:15</b> - Morning Networking Break</p> <p><b>11:45</b> - Using AI to Drive Revenue Across the Retail Industry</p>	<p><b>11:00</b> - Investment Strategies - Identifying Emerging Low-Risk / High Return Use Cases in Automation and AI</p>	<p><b>11:45</b> - Training and Deploying Classification Models with AutoML</p>	
12:00	<p><b>12:20</b> - AI: Cyber defense or cyber-threat?</p> <p><b>12:45</b> - The emerging distributed application platform for AI-assisted business</p>	<p><b>12:30</b> - Top 3 Lessons Learned Deploying Real-World AI</p> <p><b>12:55</b> - Using AI and Blockchain to Monetize the Mobile Economy</p>	<p><b>12:00</b> - Panel: AI and ML Enabled Speech Technology - Exploring The Latest Disruptions in The Space and Their Implications for Users</p> <p><b>12:40</b> - Efficient Data Labeling for AI</p>	<p><b>12:10</b> - Fireside Chat: Hyperpersonalizing the Customer Experience with Conversational AI</p> <p><b>12:40</b> - 5 Worst Practices for AI / ML Deployments – And How to Avoid Them</p>	<p><b>12:10</b> - Deep Learning for Retail Innovation at Sears</p> <p><b>12:35</b> - The Maker Mindset: Simplifying Decisions by Doing</p>			

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13:00	13:10 - Lunch break and opportunity to visit the expo	13:15 - Lunch break and opportunity to visit the expo	13:00 - Lunch break and opportunity to visit the expo	13:00 - Intelligent Finance: Searching for Success in Financial Services  13:20 - Lunch break and opportunity to visit the expo	13:00 - Networking Lunch		13:00 - Workshop: 5 Habits of Highly Productive Companies - Exploring AI, Innovation and Happiness	
14:00	14:00 - The future of AI in China  14:10 - Smarter Enterprises Built on AI  14:35 - Anticipatory Banking: Using AI to Create Advantage in a Digital World	14:05 - Building an AI Engine Your Customers Can Trust  14:25 - WorkFusion Enterprise Success: NY-Presbyterian's Use of Intelligent Automation Improves Patient & Employee Experiences  14:50 - Sustainability and Profitability Through AI in The Supply Chain	14:00 - Chair's Opening Remarks  14:10 - Kubeflow Pipelines - Speeding Up The Development Cycle for New Models and Simplifying Deployments of Models to Production  14:30 - Practical ML in DevOps: An example from A Financial Technology Company...  14:50 - Real Time Event Detection on Social Media Streams	14:10 - The Who Behind AI - Methodologies for The Product Managing of AI Products in Legacy Financial Services Companies  14:30 - Proactive Compliance Risk Management & Investigations - Powered by AI  14:50 - Weaving Artificial Intelligence into Enterprise Product Strategy	14:00 - How Shopify Leverages Data and ML to Power 1M+ Merchants  14:25 - Applied Science and Intelligence at Staples' eCommerce & Retail  14:50 - Optimizing Multichannel Self-Help Experiences for Customers	14:00 - Business Leaders' Essential AI Market Overview with Tractica - Q4 Forecast Update & 2020 Outlook	14:30 - Securing Your Enterprise - Leveraging ML for Threat Detection and Multi-Layer Security - AI Security Strategy Workshop + Demo	14:00 - Introduction to Machine Learning

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15:00	<p><b>15:00</b> - Accelerating the AI Journey Through Open Innovation</p> <p><b>15:25</b> - Enterprise ML - Breaking Through the Wall to Production</p> <p><b>15:50</b> - Afternoon networking break</p>	<p><b>15:10</b> - AI at Enterprise Scale - The Four Dimensions of Sustainable Success</p> <p><b>15:30</b> - Lessons Learned to Get The Most Return on Your AI Initiatives</p> <p><b>15:50</b> - Afternoon networking break</p>	<p><b>15:10</b> - Value Delivery in AI: Roadmapping Machine Learning Products vs. Traditional Software</p> <p><b>15:30</b> - Using Data Science Insights to Help Users Challenge The Status Quo of Decision Making</p> <p><b>15:50</b> - Afternoon networking break</p>	<p><b>15:10</b> - Leveling up Artificial Intelligence: Architecting Teams That Operate and Prioritize Efficiently</p> <p><b>15:20</b> - ICED(AI) Fireside Chat: AI in Asset Management</p> <p><b>15:40</b> - Afternoon Networking Break</p>	<p><b>15:15</b> - Measuring Incremental Value of a business using Machine Learning Algorithms - CastleGate Wayfair Case Study</p> <p><b>15:40</b> - Chairperson's Closing Remarks</p>			
16:00	<p><b>16:30</b> - Can AI Help to Close the Gender Equity Gap?</p> <p><b>16:55</b> - How will AI intersect with the other technologies in your roadmap?</p>	<p><b>16:25</b> - Building and Scaling AI Capabilities Across the Oil and Gas Value Chain</p> <p><b>16:45</b> - The Business Outline for AI &amp; BOT Deployment</p>	<p><b>16:30</b> - Similarity in Machine Learning and AI</p> <p><b>16:50</b> - Making Commerce Smarter with AI</p>	<p><b>16:05</b> - AI in Insurance: Modelling the Value of Risk</p> <p><b>16:25</b> - Machine Learning for Software Testing</p> <p><b>16:35</b> - Panel: Optimizing Legacy IT Architecture to Facilitate Implementation of AI in The Financial Services Sector</p>				

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17:00	17:20 - Headline panel: The role of policy and regulation in the development of AI	17:05 - The Future of AI for Good - IBM Watson AI XPRIZE	17:10 - A Data-Sharing Model To Accelerate the Implementation of AI in Pharma					



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## Welcome Address

09:00 - 09:10

1) Deliver - CxOs and Top-Level Business Leaders

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## AI Business Model Reinvention Workshop

09:00 - 10:30

Lounge 1: AI Forbes Boardroom - CxO Seminars

Curated in partnership with Forbes, this CxO workshop will dive into how organisations can use design thinking and analytics to re-imagine how they generate revenue in the age of AI!

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## Introduction to Natural Language Processing

09:00 - 13:00

Lounge 3: AI Academy - Training Sessions

Natural Language Processing (NLP) is quickly becoming an essential skill for modern-day organizations to gain a competitive edge. By enabling services from chatbots, intelligent search and question answering systems, NLP tools are being used to for a variety of functions from enhancing customer experiences to detecting threats, all in all, enabling operations to operate more effectively.

This half-day practical workshop will see Dr Carlo Lipizzi, Professor at Stevens Institute of Technology, guide you through NLP tools while showing you their real-world applications, setting solid foundations for your pathway into the field.

### Learning outcomes

- Learn and understand popular NLP workflows with interactive examples
- Understand how to clean and handle unstructured text data
- Complete NLP tasks including text classification, sentiment analysis, text clustering, summarization, topic models and recommendations

Price: \$499

### Course Agenda

Lecture-style. Theory and use of NLP. NLP has a relevant theoretical component. In this module, we address this, providing an actionable theoretical introduction to NLP

- Introduction and overview
- Key approaches to NLP
- Language in our evolving society
- Tools for NLP
- non coding tools
- Python

Interactive-style. NLP by examples and exercises. In this module we provide details of the most relevant NLP methods and techniques. This includes the more traditional - but still widely used - approaches and the new and most relevant ones. In this module participants will work hands-on on all the topics.

- Text preparation
- Basic/statistical Information Extraction
- Taxonomies: use and limitations
- Machine Learning models
- Text vectorization
- Handling language subjectivity
- Detecting sentiment and emotions
- Supervised vs Unsupervised vs Semi-Supervised approach to NLP
- Extracting metrics from Text

Final project. This is a capstone application of all the above. Participants will fully analyze text, extracting key elements and prepare a report with the insights they extracted.

- Tool-independent capstone exercise

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## Participants

**Carlo Lipizzi** - Professor at Stevens Institute of Technology & Principal Investigator for Systems Engineering Research Center, Stevens Institute of Technology

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## Making Data Science Useful

09:10 - 09:35

1) Deliver - CxOs and Top-Level Business Leaders

Despite the rise of data engineering and data science functions in today's corporations, leaders report difficulty in extracting value from data. Many organizations aren't aware that they have a blindspot with respect to their lack of data effectiveness and hiring experts doesn't seem to help. Let's talk about how you can change that!

## Participants

**Cassie Kozyrkov** - Chief Decision Scientist, Google

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## Chairperson's Welcome and Intro

09:10 - 09:35

7) AI Sales, Marketing and CX Summit

## Participants

**Mark Beccue** - Principal Analyst, Tractica

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## Chairperson's Welcome and Intro

09:20 - 09:35

6) AI Healthcare Summit

## Participants

**Shane Walker** - Research and Analysis Director, IHS Markit

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## Chair's Opening Remarks

09:25 - 09:30

3) Develop - Heads of Tech and Practitioners

## Participants

**Maryam Farooq** - Founder and Director, NYAI

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## Welcome from Chair

09:30 - 09:40

2) Implement - Senior Strategists and Heads of Function

## Participants

**Devika Daga** - AI Practitioner and Humane Technologist, MOSIP

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### Go Global or Go Home - How to build a profitable international AI Business.

09:30 - 09:55

3) Develop - Heads of Tech and Practitioners

#### Participants

**Alex Poulis** - Senior Director, AI, TransPerfect

**Enrico Santus** - Language Architect, MIT

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### Microsoft AI: Powering new Possibilities for your Enterprise

09:35 - 10:00

1) Deliver - CxOs and Top-Level Business Leaders

#### Participants

**Gina Loften** - CTO - US Services, Microsoft

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### Humanistic Care in the Age of AI

09:35 - 10:00

6) AI Healthcare Summit

#### Participants

**Hassan Tetteh** - Health Mission Chief, Department of Defense

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### AI/ML Advances and Impacts on Sales and Marketing

09:35 - 10:00

7) AI Sales, Marketing and CX Summit

#### Participants

**Matthew Quint** - Director, Center on Global Brand Leadership, Columbia Business School

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### NSCAI Dialogue with Industry

09:40 - 10:00

2) Implement - Senior Strategists and Heads of Function

#### Participants

**Christopher Rice** - Director, Research and Analysis, National Security Commission on Artificial Intelligence

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### Advanced Clustering Techniques for Audience Segmentation

09:55 - 10:15

3) Develop - Heads of Tech and Practitioners

#### Participants

**Roberto Sanchis Ojeda** - Tech Lead - Machine Learning Engineer, Spotify

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### How is AI extending the customer life time value at Banorte

10:00 - 10:25

1) Deliver - CxOs and Top-Level Business Leaders

#### Participants

**Jose Murillo** - Chief Analytics Officer, Banorte

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### Where ML Models Meet The Real World

10:00 - 10:20

2) Implement - Senior Strategists and Heads of Function

Machine learning operations (MLOPs) is the next frontier for AI/ML where IT Operations, Data Engineering, and Data Science teams work together to deploy, monitor and manage machine learning projects on production environments. In this session, you will learn about the critical components of MLOPs technology, and how companies are using MLOPs to scale up AI projects on production environments across all the major cloud providers and on-premise.

#### Participants

**Dan Darnell** - Senior Director of MLOPs Products, DataRobot

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### How to Start and Scale AI-Powered Automation In Life Sciences

10:00 - 10:25

6) AI Healthcare Summit

AI and RPA are being adopted rapidly throughout the Life Sciences industries. From the top 20 pharmaceutical and medical device companies, to small, innovative digital-health organizations, AI and RPA have become a requirement for innovation and speed to market.

Find out how you can enable employees to work on higher-value projects, build value for the organization, and help create stronger relationships between health professionals and clients.

How do these leading organizations scale? Where do they start? What are the key lessons they learned?

- Learn strategies and best practices to successfully implement automation in a Life Sciences business while avoiding common mistakes
- Review key strategies, plans and benchmarks to assure your organization is on track and able to scale automation across the business
- Find out what a 'Digital Workforce' is – and how they combine AI, Machine Learning and RPA - working alongside humans to boost productivity and innovation

#### Participants

**Catherine Calarco** - Senior Director, Global Leader of Industry Strategy for Life Sciences, Automation Anywhere

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### Performance Linguistics: The Engine Driving AI Success

10:00 - 10:25

7) AI Sales, Marketing and CX Summit

If your goal is international growth, investing in digital content across multiple languages matters. To pursue mass personalization, digital marketing must blend linguistics and AI to create and optimize content. At global scale, traditional approaches like A/B testing quickly encounter constraints. With Performance Linguistics, AI has the potential to scale at market speed for digital marketers using techniques like:

- Web Page Analysis
- Ad conversion analysis
- Search engine optimization
- Social media content engagement

#### Participants

**Smith Yewell** - CEO, Welocalize

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### A Data-Sharing Model To Accelerate the Implementation of AI in Pharma

10:15 - 10:35

3) Develop - Heads of Tech and Practitioners

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### Predicting Content Virality to Drive Social Traffic

10:20 - 10:40

2) Implement - Senior Strategists and Heads of Function

To amplify referral traffic, we have to promote the right piece of content at the right time. We use AI-driven models that predict content likely to go viral in the near future to inform our content marketing on social media platforms to maximize click through traffic. This has resulted in significant growth of our social traffic for several of our brands.

#### Participants

**Sriram Subramanian** - Head of Data Sciences, Conde Nast

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### Evolving from an insurer to a fintech: how will your business evolve?

10:25 - 10:50

1) Deliver - CxOs and Top-Level Business Leaders

#### Participants

**Monica Caldas** - SVP and CIO, Liberty Mutual Insurance

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# SESSIONS

DAY 2 - 12/12/2019

AI Summit New York

11-12 December 2019

Javits Center  
New York

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## Convergent AI in Medicine – Reduce Wastes, Do No Harm, and Avoid Misdiagnosis

10:25 - 10:50

6) AI Healthcare Summit

### Participants

**Stephen Wong** - Chief Research Informatics Officer, Houston Methodist

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## AI in Marketing in the Age of Humans with Machines

10:25 - 10:50

7) AI Sales, Marketing and CX Summit

Marketers can only deal with so much data about so many customers at one time. That's why we have traditionally lumped massive groups of people into a few composite segments. But increasingly, customers expect to be treated as unique individuals with their own preferences, personalities, histories and knowledge. That type of engagement simply isn't possible at scale when humans are making every marketing and customer experience decision. This leads to an emerging irony of the modern age of marketing: In order for brands to achieve the level of personalization that today's customers expect, marketers need to embrace human and machine collaboration to unleash the power of With. We should begin trusting artificial intelligence to handle more of the details of what, how and where marketing messages get served; and apply our human intelligence to shaping strategy, testing and tuning tactics, applying the human touch where it matters most, and driving rapid growth.

### Participants

**Alex Kelleher** - CMO, Hux by Deloitte Digital

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## Intelligent RPA Workshop - Platform + Use Case Discovery

10:30 - 11:30

Lounge 2: AI Implementation Studio - Workshops

Automation technology is expanding beyond RPA into AI and Intelligent Automaton, from on-premise installations to the cloud, while improving its ease of use and time to value.

Join Automation Anywhere's workshop to experience Enterprise A2019 - the first cloud-based intelligent automation platform enabling RPA and AI capabilities in a single workflow.

We will walk you through the automation journey, starting from building your first simple bot to automating a complex business process previously requiring multiple human interventions and decision making.

The flexibility of the workshop format allows us to dive as deep into product, technology, and implementation questions as well as walk through use cases.

### Participants

**Brendan Sapience** - Director of Sales Engineering, Cognitive Automation, Automation Anywhere

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## From data to deployment and back: Challenges across the application development journey

10:35 - 11:00

3) Develop - Heads of Tech and Practitioners

In building intelligent applications there are a range of tools and approaches available that can span multiple layers of the development stack. Today, developers possess a wide variety of tools and frameworks that can be used to "mix and match" technologies. However, deploying multiple technologies creates several operational challenges, especially when addressing data governance and machine learning models, such as ensuring model performance parity in both development and production environments. In this session, we will review these challenges, and through use cases see how developers and organizations are overcoming them.

### Participants

**Thomas Dyar** - Product Specialist, Intersystems

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## Make Education Great Again

10:40 - 11:00

2) Implement - Senior Strategists and Heads of Function

We will share how we transform education field through specific AI technology with our research progress in this field. Also we will share our thoughts on how this AI application in education makes real impact on education industry as well as on the whole society and community we're living in.

### Participants

**Youngduck Choi** - AI Tech Leader, Riid

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## Morning networking break

10:50 - 11:55

1) Deliver - CxOs and Top-Level Business Leaders

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## Party at the DiSCO - How to Start Your Own Data Science Center of Excellence

10:50 - 11:15

6) AI Healthcare Summit

Organizational leaders are being bombarded with AI and all the hype that goes with it. Many are throwing their hands up out of frustration while others are chasing the wrong projects, wasting time, money and opportunity. The best solution for most organizations is to find someone on the inside with the knowledge and network and arm them with a data science center of excellence. In this session, we will share the journey we've undertaken at Mount Sinai to create our own Data Science Center of Excellence (aka the DiSCO party), what types of services can we offer, even on a shoe string budget and how we can quickly deliver value to the business where they need it most - by preparing the culture for change.

### Participants

**Mike Berger** - VP, Chief Data & Analytics Officer, Mount Sinai Health System

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## The Power of Conversational AI and How it Can Transform CX

10:50 - 11:15

7) AI Sales, Marketing and CX Summit

Consumers hate using ineffective technology to communicate with brands, whether it be dated IVRs or newer but limiting chatbots. Wait times, limited options, robotic systems, lack of personalization and having to repeat themselves are just a few of the many reasons why ineffective systems infuriate consumers. While AI-powered solutions claim to solve all these problems and transform the customer experience (CX), implementing AI requires a customer-first strategy. Join Interactions to learn how conversational AI coupled with human understanding is being leveraged by leading global brands to transform CX and increase customer engagement, while also providing significant and demonstrable operational savings.

### Participants

**Priyanka Tiwari** - Director of Product Marketing, Interactions

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## Morning networking break

11:00 - 11:30

2) Implement - Senior Strategists and Heads of Function

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## Morning networking break

11:00 - 11:30

3) Develop - Heads of Tech and Practitioners

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## Introducing AI to The Contact Centre / Service Centre - OPEX Reduction Masterclass for Senior Strategists

11:00 - 12:30

Lounge 1: AI Forbes Boardroom - CxO Seminars

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## Morning Networking Break

11:15 - 11:45

6) AI Healthcare Summit

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## Morning Networking Break

11:15 - 11:45

7) AI Sales, Marketing and CX Summit

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## How Machine Learning Puts the NBA Fan at the Center

11:30 - 11:50

2) Implement - Senior Strategists and Heads of Function

The NBA is the premiere global basketball league. In a world where fewer than 1% of fans will experience an NBA game in person, the NBA provides its primary international digital offering – the NBA League Pass – to fans to watch basketball. In the past year, the NBA has begun internally developing machine learning tools to inspire, discover, and engage fans around the world. In this talk, we address the trade-offs between supervised and unsupervised learning methods to better connect with fans, the importance of feedback loops in machine learning, and how we're using key principles of data science to drive a data first culture. Our results demonstrate that putting the fan experience at the center of our machine learning efforts drives fan engagements.

### Participants

**Erik Nylen** - Senior Director, Data Science Lead, NBA

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## Can New Approaches to GPU Machine Management Speed Delivery of Deep Learning Projects?

11:30 - 11:50

3) Develop - Heads of Tech and Practitioners

In many organizations that have taken on deep learning (DL) initiatives, GPU resources are allocated statically or even managed manually inside spreadsheets. Companies buy expensive GPU servers but don't have control, visibility, or a way to maximize utilization of GPUs efficiently for their users. This leads to training bottlenecks and resource allocation issues, impacting the productivity of data scientists, the time to production for DL projects, and the rapid escalation of infrastructure costs.

In this session, led by Omri Geller of Run:AI, we will examine new approaches to the problem of GPU machine management that can maximize resource utilization for deep learning:

- What's been done in the past?
- Could Kubernetes alone, which is growing quickly in adoption, solve the infrastructure management problem?
- Could advanced scheduling concepts be applicable?
- What can we learn or adapt from HPC for DL projects?
- Can virtualization concepts be applied to better utilize GPUs?

### Participants

**Omri Geller** - Co-Founder and CTO, Run:AI

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## Figuring out Applied ML: Building Frameworks and Teams to Operationalize ML at Scale

11:45 - 12:10

6) AI Healthcare Summit

Solving the hard problems requires operationalizing ML at scale. Doing that in a definable and repeatable way takes planning and practice. Understanding how to match the deep understanding of subject matter experts to the technical application of ML programs remains a real barrier to applied ML in the workplace.

### Participants

**Nels Lindahl** - Director, Clinical Decision Systems, CVS Health

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## AI & The Magic Customer-Getting Machine

11:45 - 12:10

7) AI Sales, Marketing and CX Summit

### Participants

**Will Thompson** - VP and Managing Director, Thought Leadership, Forbes

## Workshop: Exploring Computational Approaches for Cancer Research

11:45 - 13:15

Lounge 2: AI Implementation Studio - Workshops

New computational opportunities and challenges have emerged within the cancer research and clinical application areas as the size, number, variety, and complexity of cancer datasets have grown in recent years. Simultaneously, advances in computational capabilities, with exceptional growth in deep learning, are expected to continue to reach unprecedented scales. Such opportunities to impact cancer computationally are underscored in the 2016 US Twenty-first Century Cures Act and international efforts such as the ITCC-P4 focusing on development treatments for pediatric cancer.

The workshop focuses on bringing together interested individuals ranging from clinicians, mathematicians, data scientists, computational scientists, engineers, developers, leaders and others with an interest in advancing the use of computation at all levels to better understand, diagnose, treat and prevent cancer. As an interdisciplinary workshop, the cross-disciplinary sharing of insight and challenges fosters collaborations and future innovations to accelerate the progress in computationally and data driven cancer research and clinical applications.

A special emphasis for the 2019 workshop is the role of computing in drug discovery for cancer, with a special emphasis on the role of AI, machine learning, and deep learning approaches applied to drug discovery and precision medicine.

### Participants

**Eric Stahlberg** - Director of Biomedical Informatics and Data Science (BIDS), Frederick National Laboratory for Cancer Research

**Frank Alexander** - Deputy Director of the Computational Science Initiative, U.S. Department of Energy's (DOE) Brookhaven National Laboratory

## Panel: Operationalizing ML Across The Business - How to Best Join Up Data Strategy and Model Deployment with Existing Organisational Structures

11:50 - 12:30

2) Implement - Senior Strategists and Heads of Function

### Participants

**Rob DiCesare** - CEO and Co-Founder, Galahad Group

**Aditi Baker** - Vice President - Head of Pricing & Portfolio Analytics, Primary Casualty, AIG

**Rajeev Sambyal** - Director of Artificial Intelligence & Innovation, BNY Mellon

**Adi Ghosh** - Senior Director - Lead, Financial Services Innovation Labs, Publicis Sapient

**Sushil Thomas** - VP Engineering, Machine Learning, Cloudera

**Niranjan Thomas** - General Manager, Developer Platform & Solution Engineering, Dow Jones

## Intelligent Experimentation Using Binomial Multi-Arm Bandit

11:50 - 12:10

3) Develop - Heads of Tech and Practitioners

At PayPal, Experimentation is the standard to measure the impact of products we are building. From front-end UI changes to backend changes, the data-driven decisions to pick a winning variant is facilitated by our experimentation platform. In this talk, we share how we leveraged Machine Learning to invigorate our platform with the intelligence to dynamically adapt to changing product requirements and optimize

### Participants

**Nisha Bhaskaran** - Machine Learning Engineer, PayPal

## Unleashing Your Organization's Human Intelligence with AI

11:55 - 12:20

1) Deliver - CxOs and Top-Level Business Leaders

When 80% of an organization's human intelligence goes undocumented, it requires innovative thought-leaders to uncover the right technology to lead a workforce revolution to solve. Starmind's self-learning algorithms will create neural know-how networks capturing your organizational intelligence. Key benefits include:

\* Easily identify experts across your entire employee base

\* Create real-time AI skill profiles for talent management, recruiting and workforce planning

\* Single-point anytime access to your organizational network from anywhere, on any device

### Participants

**Eric Storm** - Vice President, Americas, Starmind

## Consumer Segmentation for Marketing and Product Strategies Using Various Machine Learning Techniques

12:10 - 12:30

3) Develop - Heads of Tech and Practitioners

- It's important for Companies to develop Consumer Segmentation that groups consumers with common characteristics lumped together to establish strategies for marketing, product & services and base management. Each market segment is unique, and can incorporate various criteria to create a target market for their product or service. Each segment can be approached differently, after fully understanding the needs, attitudes, lifestyles, demographics, and personality of the target consumer.
- Several machine learning algorithms have been tested leveraging survey attitudinal, internal behavioral and demographic data to develop a consolidated market segmentation.
- Machine learning algorithms including k-means, hierarchical clustering and Kamila clustering were tested with varying number of clusters to establish market segments.
- Final statistically significant segmentation model grouped consumers into unique clusters that differentiated consumers in attitudes, life time value, behavioral and demographics establishing a foundation for unified strategy across the board.

### Participants

**Ranjit Jangam** - Executive Director, Data Science, Comcast

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### Answering Hard Questions: Practical Examples of Analyzing Text to Solve Real Problems in Pharma

12:10 - 12:35

6) AI Healthcare Summit

#### Participants

**Ryan Welsh** - Founder & CEO, Kyndi

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### The Art and Science of Hyper-Personalized CX With Security at its Core

12:10 - 12:35

7) AI Sales, Marketing and CX Summit

Today's consumers want and expect a deeply personalized experience, and brands who can deliver it will win. The AI technology to push hyper personalization is not the issue – that's available and improving at rapid speeds. What enterprises are grappling with is how to deploy that technology in a secure way while striking a balancing act – the right level of personalization into preferences and behaviors without crossing the line into invasive. With access to customer data across many points in an enterprise, brands must go beyond local regulations to protect it or they risk losing trust – the gold for any customer experience program. In this session, Seb Reeve will leverage his experience working with Fortune 1000 brands to explore how to deploy AI in an ecosystem that delivers a personalized user experience while ensuring consumer security and fraud prevention along the way, using data in a manner that respects customer privacy, complies with industry standards, and creates brand loyalty and trust.

#### Participants

**Seb Reeve** - Director of International Go-To-Market, Intelligent Engagement, Nuance Communications

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### Responsible AI – Ethical Data Leadership for a Sustainable Future

12:20 - 12:45

1) Deliver - CxOs and Top-Level Business Leaders

Increasingly, more enterprises are exploring the use of machine learning and artificial intelligence (AI) in the development of their products, services and solutions. AI's increasing profile holds great potential for increased efficiencies, innovation and growth—both in commercial and “for-good” spaces. This promise can only be fully realized if AI applications are carried out in a way that is responsible, ethical and honors individuals.

Chief Data Officer, JoAnn Stonier, will discuss Mastercard's approach to responsible AI use and broader commitment to responsible and human-centric data innovation and product design.

#### Participants

**JoAnn Stonier** - Chief Data Officer, Mastercard

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### Quantum Inspired Computing - Real examples of visionary companies taking Data Science and AI to higher levels of performance today

12:30 - 12:50

2) Implement - Senior Strategists and Heads of Function

#### Participants

**Thierry Kahane** - AI and Analytics Practice Leader for North America, Fujitsu

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### ABEJA Platform: Orchestration of Human Intelligence and Artificial Intelligence with Quality Assurance

12:30 - 12:50

3) Develop - Heads of Tech and Practitioners

Founded in 2012, ABEJA group, a leading company specialized in Deep Learning in Asia, has a wealth of experiences in AI implementation with over 200 companies, especially in Retail, Manufacture, Logistics, Finance, and Healthcare, and provides end-to-end solution for enabling AI process through the ABEJA Platform. Powered by annotation tool and high performance ML/DL algorithms, ABEJA provides ABEJA Platform and ABEJA Insight for Retail to deliver state-of-the-art solutions on cloud infrastructure for a wide range of industries. Supported by Capital and Business Alliance with Google, NVIDIA, and Salesforce.com, ABEJA has just started business in the U.S. to realize our vision, “Implement a Fruitful World”.

#### Participants

**Yousuke Okada** - Founder & Chief Executive Officer, ABEJA Technologies, Inc.

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### Becoming Information Driven: The Impact of Intelligent Search for Big Pharma

12:35 - 13:00

6) AI Healthcare Summit

Pharmaceutical companies need a new engine for drug development to meet higher patient expectations, more stringent regulatory demands, and extreme pressure from global competition. Trends such as the digitization of healthcare data along with advances in computing power and AI create opportunities to transform operations and harness the forces of changes.

Organizations know they should do something, but not all problem solving approaches are equal. Some hold promise while others present only peril. This session will help navigate the complex problem and solution landscapes while covering the following topics:

- Industry drivers and technological trends
- Transformation imperatives
- Technology tools that minimize complexity & accelerate timelines
- Example use cases and recommendations

#### Participants

**Scott Parker** - Director of Product Marketing, Sinequa

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### Right Messages, Right Time, Right Channels - Targeting HCPs with AI and ML

12:35 - 13:00

7) AI Sales, Marketing and CX Summit

#### Participants

**Hemal Somaiya** - Global Marketing Director, Merck Group

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### Embedding your AI and ML teams in your business: A Google approach

12:45 - 13:10

1) Deliver - CxOs and Top-Level Business Leaders

#### Participants

**Rich Dutton** - Head of Machine Learning for Corporate Engineering, Google

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### Scaling POC Success - Delivering Proven AI Product Implementation Across Different Lines of Business - A Framework

12:50 - 13:10

2) Implement - Senior Strategists and Heads of Function

#### Participants

**Farah Gasmi** - Director of AI Products, Argo Group

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# SESSIONS

DAY 2 - 12/12/2019

AI Summit New York

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## AI for Faster and Better Decision Making in Monitoring Oil and Gas Assets

12:50 - 13:10

3) Develop - Heads of Tech and Practitioners

In the oil and gas industry, continuous well surveillance and monitoring is a vital part of upstream operations. Maintenance for thousands of wells in a given field can result in a significant amount of man hours traveling to sites, diagnosing, and resolving mechanical issues.

Furthermore, when problems arise with a producing well, it often results in intervention and shutting a well in, which can impact production for an unforeseen amount of time.

As a solution, machine learning techniques are leveraged to monitor the overall health of a producing well in order more efficiently route field technicians to wells indicating early distress signals, thus mitigating potential downtime.

### Participants

**Trace Smith** - Lead Data Scientist, ExxonMobil

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## How to Tag Medical Records to Create Vital Data & Analytics

13:00 - 13:25

6) AI Healthcare Summit

Learn about annotating medical records and how using AI/ML with subject matter expertise is important – how to do this, why it matters, and how to use the data for AI systems.

### Participants

**Doug Kemp** - SVP and Managing Partner, Synodex LLC, Innodata

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## Boosting Social Media Success With AI-Powered Post Recommendations

13:00 - 13:25

7) AI Sales, Marketing and CX Summit

### Participants

**John Shehata** - Vice President, Audience Development Strategy, Conde Nast

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## Lunch break and opportunity to visit the expo

13:10 - 14:10

1) Deliver - CxOs and Top-Level Business Leaders

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## Lunch break and opportunity to visit the expo

13:10 - 14:20

2) Implement - Senior Strategists and Heads of Function

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## Lunch break and opportunity to visit the expo

13:10 - 14:00

3) Develop - Heads of Tech and Practitioners

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## Networking Lunch

13:25 - 14:10

6) AI Healthcare Summit

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## Networking Lunch

13:25 - 14:10

7) AI Sales, Marketing and CX Summit

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## Selecting Solvable Problems: A Hackers Guide to Augmenting Workflows with AI

14:00 - 14:20

3) Develop - Heads of Tech and Practitioners

One of the most common problems in the AI/ML development space is centered around teams taking on problems that, after weeks or months of work, turn out to be intractably hard to model or which require extensive R&D to go from a toy example to something practical and production quality. This talk is focused on how to identify problems which are well suited to AI/ML solutions, and how to “start small and think big”, by iteratively moving from minor workflow augmentations to full fledged automation.

### Participants

**Kevin Harris** - Offensive Security Engineering Lead, Viasat

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## AI Product Manager & Chief Product Officer Hosted Roundtables - Building an AI Product Team That Delivers

14:00 - 15:30

Lounge 1: AI Forbes Boardroom - CxO Seminars

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## Announcing The AI Summit NY Innovator of the Year Award

14:10 - 14:20

1) Deliver - CxOs and Top-Level Business Leaders

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## The Role of AI in Structure Based Drug Design, Advantages and Challenges

14:10 - 14:35

6) AI Healthcare Summit

This session will cover:

- The steps involved in early stage (preclinical) drug development and the different sources and structure of data involved in each stage
- The advantages of AI applications in each step and the challenges encountered, with a particular accent on the problems pertaining to data quality and structure
- The advantages of applying AI to enhance the rational aspects of drug design and the involvement of structural information

### Participants

**Rafael Depetris** - Principal Scientist, Kadmon

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## AI as Creative Collaborator

14:10 - 14:35

7) AI Sales, Marketing and CX Summit

Professionals in creative fields already use software platforms with automated features that rely on AI for writing, film editing, animation and design. New AI capabilities and platforms increase the potential for automated generation of creative content across disciplines. This talk will focus on the opportunity for developers of automated systems to bring human collaborators into the loop, and the role human creatives can play when empowered to influence the application of algorithms.

### Participants

**Claire Mitchell** - Director, Innovation, VaynerMedia

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## Scaling POCs Across Different Business Division / Units - Masterclass Session for Senior Practitioners

14:15 - 15:15

Lounge 2: AI Implementation Studio - Workshops

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## AI to ROI: Leveraging data to maximise your returns

14:20 - 14:45

1) Deliver - CxOs and Top-Level Business Leaders

### Participants

**Josh Sutton** - CEO, Agorai

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# SESSIONS

DAY 2 - 12/12/2019

AI Summit New York

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## Automation Lessons from the Trenches

14:20 - 14:40

2) Implement - Senior Strategists and Heads of Function

Knowledge workers in banking typically a) access data, b) analyze it and then c) reach a conclusion. Automating these series of tasks, mechanizes repetitive/manual tasks. This frees up people to focus on the more value added activities. Salah will share a series of lessons from banking trenches on how to do this using a use case within Risk Management.

### Participants

**Salahuddin Khawaja** - Managing Director, Automation/Global Risk, Bank of America

## AI & Cybersecurity: Teaming up to Defend Against Current and Future Cyber Threats

14:20 - 14:40

3) Develop - Heads of Tech and Practitioners

On paper, it looks like we are fighting a losing battle. There are more threats facing our organizations and more unfilled cybersecurity roles than ever before. To combat this reality, we must use all resources within our grasp. This talk features prominent figures in cybersecurity and founders of the Hacker Valley Studio podcast Chris Cochran and Ronald Eddings. This talk will explore how AI is helping the fight today and what it might look like in the future.

### Participants

**Chris Cochran** - Threat Intelligence and Operations Lead, Hacker Valley Studio

**Ronald Eddings** - Security Architect Leader, Hacker Valley Studio

## Creating Ground Truth at Scale in Domains Requiring High Subject Matter Expertise

14:35 - 15:00

6) AI Healthcare Summit

Dr. Sina Bari, Director of Medical AI at iMerit, will focus on the following:

- Overcoming obstacles to create ground truth data for ML applications
- Labeling best practices in fields that require high subject matter expertise using case studies
- Framework for maximizing quality and minimizing cost across use cases

### Participants

**Sina Bari** - Director of Medical AI, iMerit

## Rebel Bot Bootcamp: Put Your Fat & Confused Bots on the Pragmatic Diet

14:35 - 15:00

7) AI Sales, Marketing and CX Summit

A team of engineers worked tirelessly to build chatbots that could talk to us like a good friend. But this has led to an empire of fat chatbots that couldn't deliver on their promises. Brands and customers alike were left disappointed and frustrated. But now, a band of rebels is applying AI pragmatically to deliver a new hope for the future of customer service, where the empire of fat chatbots is replaced by lean and agile chatbots that truly bring customer support into the digital age. Join this session with Helpshift founder and CSO, Abinash Tripathy and learn a pragmatic approach to AI and chatbots that delivers on its promises.

### Participants

**Abinash Tripathy** - Co-founder and Chief Strategy Officer, Helpshift

## Responsible AI - Practical Steps to Ensuring The Delivery of Legal and Ethical AI

14:40 - 15:00

2) Implement - Senior Strategists and Heads of Function

Ms. Pierce and General Huston will provide practical tips to help you adopt Ethical AI. They will give real world examples - including both successes and failures - of implementing and scaling "AI for Good" across your organization. This will include a road map for leaders to develop legal, ethical, and responsible practices. They will also discuss the important relationship between industry and government to help you navigate contracts, laws, and emerging regulations.

### Participants

**General Patrick Huston** - Assistant Judge Advocate General for Military Law and Operations (MLO), U.S. Army

**Natalie A. Pierce** - Shareholder, Co-Chair, Robotics, AI and Automation Practice Group, Littler

## INNOVATION SHOWCASE

14:40 - 17:05

3) Develop - Heads of Tech and Practitioners

Drop by The Develop Stage for a host of 10 minute, quick-fire presentations from the hottest start-ups at the absolute bleeding edge of the market.

Expect concise and commercial presentations from start-ups with ready-to-go solutions for some of the most pressing challenges enterprises face when attempting to deliver AI across their business!

If you're looking for new, agile businesses with unique solutions, this is where you'll find them.

14:40 - Voice UX: A Platform-Based Approach to Voice Applications - Andrei Papancea, CEO, **NLX.ai**

14:50 - How AI Can Solve The 'Too Long Didn't Read' Crisis: Why We Need a New Information Format, Nosa Omoigui, Fonder and CEO, **Weave**

15:00 - AutoML: Simplified, Head of Sales and Partnerships, Gabriel Phillippe, **Prevision**

15:10 - Maintaining Reproducibility When Deploying Multi-Stage Data Pipelines, Senior Representative, **Pachyderm**

15:20 - Deploying AI Decision Engines and Digital Assistants to Leverage Data and Inspire Customers, Rob DiCesare, CEO and Co-Founder, **Galahad Group**

15:30 - Building Smarter Apps using AI - Enabling Intelligent Software Engineering, Sumanth Vakada, Founder & CEO, **Qaletics**

15:40 - Effective AI for medical devices - Case studies in image segmentation, landmark detection and endoscopic video analysis, **RSIP Vision, CEO, Mosche Safran**

15:50 - Art as an Interface for Wearable Technology, Philip H Wilck and Tiia Vahula, **Utopia Blu**

### Participants

**Andrei Papancea** - Co-Founder and CEO, NLX Inc.

**Nosa Omoigui** - Founder and CEO, Weave

**Gabriel Phillippe** - Head of Sales and Partnerships, Prevision

**Speaker(s) TBA** - Senior Representative, Pachyderm

**Philip H Wilck** - Creative Director and Founder, Utopia Blu

**Tiia Vahula** - Co-Owner, Utopia Blu

**Rob DiCesare** - CEO and Co-Founder, Galahad Group

## Scaling AI across your large-scale enterprise: the real goal

14:45 - 15:10

1) Deliver - CxOs and Top-Level Business Leaders

### Participants

**Ravi Boggaram** - CTO and Sr. Director - Global Digital Services, PepsiCo



### How Well Does AI Understand Culture?

15:00 - 15:20

2) Implement - Senior Strategists and Heads of Function

Culture encompasses shared human experiences ranging from music and food to everything in between. Culture brings us closer together, shapes our style, and informs our opinions. Until now, our interpretation of culture has primarily been a by-product of human to human interaction. Let's consider for a moment how well AI understands culture and what the repercussions are.

#### Participants

**Lawrence Edmondson** - Senior Vice President of Technology, VaynerMedia

### AI and Machine Learning for Consumer Healthcare at GSK

15:00 - 15:25

6) AI Healthcare Summit

This session will cover 4 top use-cases at GSK:

- Seasonal Illness - Predictive Learning – How internal and external data sources are considered for Machine Learning-based predictive modelling, focusing on:
  1. Predictive illness forecasting and the process for informing consumers
  2. Plan for media, supply chain, and collaboration with retailers for activation
- Wellness - looking at how Machine Learning is used for image recognition and classification in oral hygiene products to inform consumers about their condition and recommend dentist's help
- Mobile Eye tracking - How mobile tracking using tracking glasses is used to analyze shoppers' behavior in our Shopper's Science Lab, helping GSK collaborate with retailers to place products in correct shelf positions and plan promotions
- Cognitive Voice Chatbot Services - How GSK is training chatbots with different voice samples so the chatbots and voice search can recognize complex OTC products with different samples

#### Participants

**Subroto Mukherjee** - Head of Innovation and Emerging Technology, Americas, GlaxoSmithKline

### Making Money with Voice Commerce

15:00 - 15:25

7) AI Sales, Marketing and CX Summit

We are now talking to our TVs, our cars, our smart speakers and our mobile devices. It turns out we can spend money faster with our mouths than our fingers, and voice commerce is already a burgeoning opportunity for sellers who know how to cash in. Ask Siri and Alexa about your products to find out what they know about you. If your company is like most, you may be disappointed to learn that Siri and Alexa don't know you at all and your customers can't buy your products using voice. This session is for those eager to sell using voice commerce. Learn to speak up through the voice user interface or be prepared for silence.

#### Participants

**William Ammerman** - EVP, Digital Media, Engaged Media

### Afternoon networking break

15:10 - 15:40

1) Deliver - CxOs and Top-Level Business Leaders

### Networking Break

15:20 - 15:45

2) Implement - Senior Strategists and Heads of Function

### Afternoon Networking Break

15:25 - 16:05

6) AI Healthcare Summit

### Fireside Chat: Augmenting Customer Experience with ML in eCommerce

15:25 - 15:50

7) AI Sales, Marketing and CX Summit

- How is the eCommerce industry being transformed overall by new advancements in AI and ML?
- What are the advantages and disadvantages of personalized vs. non-personalized recommendations?
- What are some of the challenges involved with harnessing data for customer recommendations on digital platforms?
- Build or buy – what are the primary considerations when deciding how to implement a product recommendation engine?

#### Participants

**Asma Farooq** - Product Lead, Advertising, eBay

### Structuring a Data Science team to focus on Sales and Marketing

15:40 - 16:05

1) Deliver - CxOs and Top-Level Business Leaders

To drive revenue, most businesses seek to provide value to their customers through targeted messaging at the right time and place. At the same time, today's e-commerce landscape is changing at an unprecedented pace. The rise of new international markets, new platform and technologies, combined with constantly evolving user habits and preferences, means that businesses and Marketing units must constantly evaluate and adapt their strategies to remain competitive. Data Science and Engineering can play a key role in this space, and provides significant benefits when looking to operate, market and connect with customers.

In this talk, we will describe how to best structure a Data Science team focused on Sales and Marketing. We will discuss practical examples on how to drive real business value through the application of both simple and complex methods, and highlight the importance of applying traditional software engineering principles. Finally, we will discuss various ways of communicating back to the business, and the need to balance insights, algorithms and data engineering.

#### Participants

**Thomas Vincent** - Senior Director, Head of Data Science, Getty Images

### Why the Privacy Company is the Most Important Business You Have Never Heard Of

15:45 - 16:05

2) Implement - Senior Strategists and Heads of Function

Tech ethicists commonly worry about privacy being lost in a world of artificial intelligence, but what exactly is privacy, and why does it make a tangible difference in our lives? With compelling examples, James Brusseau answers the questions in his talk titled, Why the Privacy Company is the Most Important Business You've Never Heard Of.

#### Participants

**James Brusseau** - Director - Data Ethics Site, Pace University

### Chairperson's Closing Remarks

15:50 - 16:00

7) AI Sales, Marketing and CX Summit

### Reserved for Industry Partner

16:05 - 16:25

1) Deliver - CxOs and Top-Level Business Leaders

# SESSIONS

DAY 2 - 12/12/2019

AI Summit New York

11-12 December 2019

Javits Center  
New York

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## Generating Business Value from your AI Investments

16:05 - 16:25

2) Implement - Senior Strategists and Heads of Function

In this session you will learn:

How to build a culture of experimentation and "fast fail"

How to scale solutions to the enterprise level

How to ensure adoption and ongoing usage in business teams

### Participants

**Rahul Tyagi** - Analytics Director, Former ColPal

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## Leveraging Machine Learning and AI to Improve Quality and Patient Safety: Lessons from the Frontlines

16:05 - 16:30

6) AI Healthcare Summit

This session will explore one organization's journey with embedding AI into hospital operations and clinical workflows. We will cover the framework used to develop and deploy real-time products that predict: Clinical Deterioration, Malnutrition, and Falls. We will share how these tools are being leveraged at scale across a multi-hospital system to enhance patient safety, quality of care, and the patient experience.

### Participants

**Robbie Freeman** - Vice President, Clinical Innovation, Mount Sinai

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## COMING APART: A conversation about the mechanics of how we became one nation divided by content, and what we can do about it

16:25 - 17:05

1) Deliver - CxOs and Top-Level Business Leaders

The United States is more politically divided now than we have been in the last twenty-five years, and it is data that has been the essential element in creating the wedge.

Our most recent three Presidential election cycles trace the rapid maturation of data's application in digital message targeting and its increasingly effective use in impacting election outcomes.

This panel explores the perfect storm of otherwise innocuous commercial technology capabilities that collided to create today's psychographic messaging superweapons, the cultural effects on our sociopolitical discourse, and new thinking on approaches to remedy before the unthinkable happens.

### Participants

**Michelle Brattain** - Associate Professor and Chair of the Department of History, Georgia State University

**David Vanderpoel** - Lead Experience Strategist, Slalom

**James Brusseau** - Director - Data Ethics Site, Pace University

**Thomas Stubbs** - Vice President of Engineering and Innovation - Coca-Cola Freestyle, Coca-Cola Company

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## Callisto: Tactical Decision Intelligence in Health Management

16:30 - 16:55

6) AI Healthcare Summit

Managing the care trajectories of patients over time is the single most impactful way to improve population health, decrease wasteful healthcare utilization, and contain runaway healthcare spending. Johns Hopkins Healthcare's model, Callisto, predicts patients for whom health management programs will deliver a concrete return in the form of better overall health (lower disease burden) and lower unnecessary utilization. The model is made up of 3 interlocking models that work together:

1. **Future Utilization:** this model predicts a patient's future utilization patterns, allowing physicians to intervene in a patient's care as their disease burden is rising, rather than waiting until the disease has progressed.
2. **Regression to the Mean:** many patients will regress to the population average after a high cost, high utilization episode, all other things equal. This model predicts patients who are likely to revert to a lower cost state and those who are likely to stay high utilizers permanently.
3. **Impactability:** Not all patients are equally impactable by health management activities. This model predicts patients who will be.

### Participants

**Romy Hussain** - Director, Healthcare Economics, Johns Hopkins Healthcare

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### Closing remarks

17:05 - 17:15

1) Deliver - CxOs and Top-Level Business Leaders

# SCHEDULE

DAY 2 - 12/12/2019

AI Summit New York

11-12 December 2019

Javits Center  
New York

TIME	1) DELIVER - CXOS AND TOP-LEVEL BUSINESS LEADERS	2) IMPLEMENT - SENIOR STRATEGISTS AND HEADS OF FUNCTION	3) DEVELOP - HEADS OF TECH AND PRACTITIONERS	6) AI HEALTHCARE SUMMIT	7) AI SALES, MARKETING AND CX SUMMIT	LOUNGE 1: AI FORBES BOARDROOM - CXO SEMINARS	LOUNGE 2: AI IMPLEMENTATION STUDIO - WORKSHOPS	LOUNGE 3: AI ACADEMY - TRAINING SESSIONS
09:00	<p>09:00 - Welcome Address</p> <p>09:10 - Making Data Science Useful</p> <p>09:35 - Microsoft AI: Powering new Possibilities for your Enterprise</p>	<p>09:30 - Welcome from Chair</p> <p>09:40 - NSCAI Dialogue with Industry</p>	<p>09:25 - Chair's Opening Remarks</p> <p>09:30 - Go Global or Go Home - How to build a profitable international AI Business.</p> <p>09:55 - Advanced Clustering Techniques for Audience Segmentation</p>	<p>09:20 - Chairperson's Welcome and Intro</p> <p>09:35 - Humanistic Care in the Age of AI</p>	<p>09:10 - Chairperson's Welcome and Intro</p> <p>09:35 - AI/ML Advances and Impacts on Sales and Marketing</p>	<p>09:00 - AI Business Model Reinvention Workshop</p>		<p>09:00 - Introduction to Natural Language Processing</p>
10:00	<p>10:00 - How is AI extending the customer life time value at Banorte</p> <p>10:25 - Evolving from an insurer to a fintech: how will your business evolve?</p> <p>10:50 - Morning networking break</p>	<p>10:00 - Where ML Models Meet The Real World</p> <p>10:20 - Predicting Content Virality to Drive Social Traffic</p> <p>10:40 - Make Education Great Again</p>	<p>10:15 - A Data-Sharing Model To Accelerate the Implementation of AI in Pharma</p> <p>10:35 - From data to deployment and back: Challenges across the application development journey</p>	<p>10:00 - How to Start and Scale AI-Powered Automation In Life Sciences</p> <p>10:25 - Convergent AI in Medicine – Reduce Wastes, Do No Harm, and Avoid Misdiagnosis</p> <p>10:50 - Party at the DiSCO - How to Start Your Own Data Science Center of Excellence</p>	<p>10:00 - Performance Linguistics: The Engine Driving AI Success</p> <p>10:25 - AI in Marketing in the Age of Humans with Machines</p> <p>10:50 - The Power of Conversational AI and How it Can Transform CX</p>		<p>10:30 - Intelligent RPA Workshop - Platform + Use Case Discovery</p>	

# SCHEDULE

DAY 2 - 12/12/2019

AI Summit New York

11-12 December 2019

Javits Center  
New York

TIME	1) DELIVER - CXOS AND TOP-LEVEL BUSINESS LEADERS	2) IMPLEMENT - SENIOR STRATEGISTS AND HEADS OF FUNCTION	3) DEVELOP - HEADS OF TECH AND PRACTITIONERS	6) AI HEALTHCARE SUMMIT	7) AI SALES, MARKETING AND CX SUMMIT	LOUNGE 1: AI FORBES BOARDROOM - CXO SEMINARS	LOUNGE 2: AI IMPLEMENTATION STUDIO - WORKSHOPS	LOUNGE 3: AI ACADEMY - TRAINING SESSIONS
11:00	<p><b>11:55</b> - Unleashing Your Organization's Human Intelligence with AI</p>	<p><b>11:00</b> - Morning networking break</p> <p><b>11:30</b> - How Machine Learning Puts the NBA Fan at the Center</p> <p><b>11:50</b> - Panel: Operationalizing ML Across The Business - How to Best Join Up Data Strategy and Model Deployment with Existing Organisational Structures</p>	<p><b>11:00</b> - Morning networking break</p> <p><b>11:30</b> - Can New Approaches to GPU Machine Management Speed Delivery of Deep Learning Projects?</p> <p><b>11:50</b> - Intelligent Experimentation Using Binomial Multi-Arm Bandit</p>	<p><b>11:15</b> - Morning Networking Break</p> <p><b>11:45</b> - Figuring out Applied ML: Building Frameworks and Teams to Operationalize ML at Scale</p>	<p><b>11:15</b> - Morning Networking Break</p> <p><b>11:45</b> - AI &amp; The Magic Customer-Getting Machine</p>	<p><b>11:00</b> - Introducing AI to The Contact Centre / Service Centre - OPEX Reduction Masterclass for Senior Strategists</p>	<p><b>11:45</b> - Workshop: Exploring Computational Approaches for Cancer Research</p>	
12:00	<p><b>12:20</b> - Responsible AI – Ethical Data Leadership for a Sustainable Future</p> <p><b>12:45</b> - Embedding your AI and ML teams in your business: A Google approach</p>	<p><b>12:30</b> - Quantum Inspired Computing - Real examples of visionary companies taking Data Science and AI to higher levels of performance today</p> <p><b>12:50</b> - Scaling POC Success - Delivering Proven AI Product Implementation Across Different Lines of Business - A Framework</p>	<p><b>12:10</b> - Consumer Segmentation for Marketing and Product Strategies Using Various Machine Learning Techniques</p> <p><b>12:30</b> - ABEJA Platform: Orchestration of Human Intelligence and Artificial Intelligence with Quality Assurance</p> <p><b>12:50</b> - AI for Faster and Better Decision Making in Monitoring Oil and Gas Assets</p>	<p><b>12:10</b> - Answering Hard Questions: Practical Examples of Analyzing Text to Solve Real Problems in Pharma</p> <p><b>12:35</b> - Becoming Information Driven: The Impact of Intelligent Search for Big Pharma</p>	<p><b>12:10</b> - The Art and Science of Hyper-Personalized CX With Security at its Core</p> <p><b>12:35</b> - Right Messages, Right Time, Right Channels - Targeting HCPs with AI and ML</p>			

# SCHEDULE

DAY 2 - 12/12/2019

AI Summit New York

11-12 December 2019

Javits Center  
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TIME	1) DELIVER - CXOS AND TOP-LEVEL BUSINESS LEADERS	2) IMPLEMENT - SENIOR STRATEGISTS AND HEADS OF FUNCTION	3) DEVELOP - HEADS OF TECH AND PRACTITIONERS	6) AI HEALTHCARE SUMMIT	7) AI SALES, MARKETING AND CX SUMMIT	LOUNGE 1: AI FORBES BOARDROOM - CXO SEMINARS	LOUNGE 2: AI IMPLEMENTATION STUDIO - WORKSHOPS	LOUNGE 3: AI ACADEMY - TRAINING SESSIONS
13:00	13:10 - Lunch break and opportunity to visit the expo	13:10 - Lunch break and opportunity to visit the expo	13:10 - Lunch break and opportunity to visit the expo	13:00 - How to Tag Medical Records to Create Vital Data & Analytics  13:25 - Networking Lunch	13:00 - Boosting Social Media Success With AI-Powered Post Recommendations  13:25 - Networking Lunch			
14:00	14:10 - Announcing The AI Summit NY Innovator of the Year Award  14:20 - AI to ROI: Leveraging data to maximise your returns  14:45 - Scaling AI across your large-scale enterprise: the real goal	14:20 - Automation Lessons from the Trenches  14:40 - Responsible AI - Practical Steps to Ensuring The Delivery of Legal and Ethical AI	14:00 - Selecting Solvable Problems: A Hackers Guide to Augmenting Workflows with AI  14:20 - AI & Cybersecurity: Teaming up to Defend Against Current and Future Cyber Threats  14:40 - INNOVATION SHOWCASE	14:10 - The Role of AI in Structure Based Drug Design, Advantages and Challenges  14:35 - Creating Ground Truth at Scale in Domains Requiring High Subject Matter Expertise	14:10 - AI as Creative Collaborator  14:35 - Rebel Bot Bootcamp: Put Your Fat & Confused Bots on the Pragmatic Diet	14:00 - AI Product Manager & Chief Product Officer Hosted Roundtables - Building an AI Product Team That Delivers	14:15 - Scaling POCs Across Different Business Division / Units - Masterclass Session for Senior Practitioners	
15:00	15:10 - Afternoon networking break  15:40 - Structuring a Data Science team to focus on Sales and Marketing	15:00 - How Well Does AI Understand Culture?  15:20 - Networking Break  15:45 - Why the Privacy Company is the Most Important Business You Have Never Heard Of		15:00 - AI and Machine Learning for Consumer Healthcare at GSK  15:25 - Afternoon Networking Break	15:00 - Making Money with Voice Commerce  15:25 - Fireside Chat: Augmenting Customer Experience with ML in eCommerce  15:50 - Chairperson's Closing Remarks			

# SCHEDULE

DAY 2 - 12/12/2019

AI Summit New York

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16:00	<p>16:05 - Reserved for Industry Partner</p> <p>16:25 - COMING APART: A conversation about the mechanics of how we became one nation divided by content, and what we can do about it</p>	<p>16:05 - Generating Business Value from your AI Investments</p>		<p>16:05 - Leveraging Machine Learning and AI to Improve Quality and Patient Safety: Lessons from the Frontlines</p> <p>16:30 - Callisto: Tactical Decision Intelligence in Health Management</p>				
17:00	<p>17:05 - Closing remarks</p>							