

DataHack Summit 2018 - Day 1

Key Note

Power Talk

Hack Session

Panel Discussion

Startup Showcase

Auditorium 1

Start Time	End Time	Topic	Speaker
08:00	09:15	Registrations	
09:15	09:30	Opening Remarks	Kunal Jain
09:30	10:30	Hack Session: Building a Recommendation Engine using Machine Learning and Deep Learning	Kiran R
10:30	11:30	Keynote 1: The Future of Data in Digital Enterprise	Ronald Van Loon
11:30	11:45	Tea (Networking Break)	
11:45	12:30	Human Centric AI: Applying AI to National Scale Challenges of India	Bharat Kaul
12:30	13:30	Hack Session: Building your first intelligent agent to play video games, using Reinforcement Learning and PyTorch!	Xander Steenbrugge
13:30	14:15	Lunch (Networking Break)	
14:15	15:00	Can AI really help in Drug Development? Only if you know where and how!	Gaurav Tripathi
15:00	16:00	Panel Discussion: Keeping Relevant in the World of Artificial Intelligence	Speaker Panel
16:00	16:20	Startup Showcase - Empower Energy	Ronit Kanwar & James Dickson
16:20	16:40	Tea (Networking Break)	
16:40	17:20	Patterns of Insights	Anand S
17:20	18:20	Quantum Computing and its impact on Quantum Machine Learning	Dr. Mandaar Pande
18:20	19:30	Networking Tea and Snacks	

Auditorium 2

Start Time	End Time	Topic	Speaker
08:00	09:30		
09:30	10:15	AI & ML Applications In Credit Card Domain	Jayatu Sen Chaudhury & Shourya Roy
10:15	11:30		
11:30	11:45	Tea (Networking Break)	
12:00	12:40	Crossing the Chasm ¹ - Bridging the Gap between Machine Learning & Business Decision Making	Karthikeyan Sankaran
12:40	13:20	Importance of Ethics in Artificial Intelligence	Kunal Jain
13:20	14:20	Lunch (Networking Break)	
14:20	14:40	Startup Showcase - Rice Inc.	Lincoln Lee
14:40	15:20	Diagnosing your Model: Learning How To Debug Deep Learning Models Using Visualization For Medical Images	Rohit Ghosh
15:20	16:00	IoT and Machine Learning: It takes Two to Tango	Praveen Pankajashan & Harshit Lohani
16:00	16:20	Tea (Networking Break)	
16:20	17:00	Data Driven Development of a Cancer Blood Test Based on a Support Vector Machine	Raik Otto
17:00	17:40	Automating Industrial Safety Monitoring using Video Analytics	Sri Vallabha Deevi

Auditorium 3

Start Time	End Time	Topic	Speaker
08:00	09:30		
09:30	10:25	Hack Session: Effective Feature Engineering - A Structured Approach to Building Better ML Models	Dipanjnan Sarkar
10:25	11:30		
11:30	11:45	Tea (Networking Break)	
12:00	12:50	Hack Session: Understanding the Building Blocks of Deep Learning using PyTorch	Vishnu Subramanian
12:50	13:30	Using Machine Learning to Solve for Product Quality in E-commerce	Shilpi Bhabhra & Sumit Gupta
13:30	14:20	Lunch (Networking Break)	
14:20	15:20	Hack Session: What makes you More Money - A/B Testing or Multi-Armed Bandit?	Ankit Choudhary
15:20	16:20	Hack Session: Identifying Location using Clustering and Language Model	Divya Choudhary
16:20	16:40	Tea (Networking Break)	
16:40	17:40	Hack Session: Graph Embedding - Social Network Analysis through the Deep Learning Lens	Srishti Gupta
17:40	18:10	Automated Catalogue Management and Image Quality Assessment using Deep Learning	Souradip Chakraborty

*This is a tentative schedule and subject to change. Analytics Vidhya holds the right to make changes to this at any time prior to the event

DataHack Summit 2018 - Day 2

Key Note

Power Talk

Hack Session

Panel Discussion

Startup Showcase

Auditorium 1

Start Time	End Time	Topic	Speaker
09:00	09:45	Blockchain in Financial Services	Ratnakar Pandey
09:45	10:25	Applications of AI/ML in Automated Code Generation from Design Requirements	Dr. Archisman Majumdar & Rajendrakumar Mishra
10:30	11:30	Keynote 2: Climbing that Deep Learning Hill	Tarry Singh
11:30	11:45	Tea (Networking Break)	
11:45	12:30	Introduction to the world of Reinforcement Learning: Applications and Challenges	Professor B. Ravindran
12:30	13:30	Hack Session: Finding Relationships Between Multiple Non-Stationary Time Series	Dr. Vikas Agrawal
13:30	14:15	Lunch (Networking Break)	
14:15	15:00	Big Data and AI for Policy and Governance - Opportunity for India	Dr. Pulak Ghosh
15:00	16:00	Panel Discussion: Advantages and Applications of GANs	Speaker Panel
16:00	16:40	Oil and Gas 4.0: Data Science & AI Applications in the Oil & Gas Industry	Yogendra Pandey, Ph.D.
16:40	17:10	Applications of Cognitive Computing Research	Joy Mustafi
17:10	17:30	Closing Remarks	Kunal Jain
17:30	18:00	Tea & Snacks	

Auditorium 2

Start Time	End Time	Topic	Speaker
09:00	09:45	Building Intelligent Chatbots from Scratch	Amitoj Singh & Rishi Shah
09:45	10:25	Synthetic Class Specific Medical Image Generation using GANs	Dr. Sunil Vuppala
10:30	11:30		
11:30	11:45	Tea (Networking Break)	
11:45	12:15	Introduction to H2O Driverless AI – Automatic Machine Learning for the Enterprise	Sairaam Varadarajan
12:15	12:45	Data Science is Changing and Data Scientists Need to Change Too – Here's Why and How	Soumendra Mohanty
12:45	13:30	Using Deep Learning for Information Security	Dr. Satnam Singh
13:30	14:30	Lunch (Networking Break)	
14:30	15:30	Hack Session: Data Engineering and Data Science for Leveraging High Frequency Streaming Data	Hindol Basu & Bijoy Khandelwal
15:30	16:30	Hack Session: Deep Learning from the Trenches: Object Detection using Deep Learning	Faizan Shaikh & Sunil Ray
16:30	17:10	AI on the Edge	Krishnakumar Shetti & Mashrin Srivastava
17:10	17:30		
17:30	18:00	Tea & Snacks	

Auditorium 3

Start Time	End Time	Topic	Speaker
09:10	09:30	Startup Showcase - worxogo	Sivaramakrishnan Narayanan
09:30	10:25	Hack Session: TensorFlow.js – Deep Learning in the Browser	Amit Kapoor
10:30	11:30		
11:30	11:45	Tea (Networking Break)	
11:45	12:45	Hack Session: Automating the Machine Learning Pipeline with AutoML	Dr. Sunil Kumar Chinnamgari
12:45	13:30	Introduction to Cyclical Learning Rates for Training Neural Nets	Sayak Paul
13:30	14:20	Lunch (Networking Break)	
14:20	15:20	Hack Session: Performing Feature Selection in High Dimensional Spaces	Sidharth Kumar
15:20	15:50	Failing Fast with Deep Learning	Jaidev Deshpande
15:50	16:50	Hack Session: Transition from Pandas to Spark Dataframe using Scala	Joydeep Bhattacharjee
16:50	17:30		
17:30	18:00	Tea & Snacks	

DataHack Summit 2018 - Day 3

Workshops (09:00am - 6:00pm)



Applied Machine Learning

Amit Kapoor



**Machine Learning at Scale
using SparkML for Big Data**

Rohan Rao



**Getting Started with Natural
Language Processing**

Dipanjan Sarkar & Raghav Bali



**Getting Started with Deep
Learning**

Xander Steenbrugge



**Computer Vision Using
PyTorch**

Phani Srikanth



**The Masterclass: How to win
Data Science Challenges?**

Sudalai Rajkumar



**Business Executive to AI
Leader - A CxO's invite-only
Hands-on Workshop**

Tarry Singh



**INTEL® Deep Learning
Workshop**

Jayaraman Mahalingam & Mukesh
Gangadhar



**Build a Predictive Machine
Learning Model - Workshop by
IBM**

Krishna Chaitanya

DataHack Summit 2018 - Day 4

Workshops (09:00am - 6:00pm)



Applied Machine Learning

Amit Kapoor



**Getting Started with Natural
Language Processing**

Dipanjan Sarkar & Raghav Bali



**Getting Started with Deep
Learning**

Xander Steenbrugge