



Wrangle

MALAYSIA 2017

For Data Scientists By Data Scientists
8th December 2017

Level 27, Tower B, Vertical Business Suites, Avenue 3,
Bangsar South, 59200, Kuala Lumpur, Malaysia

ORGANIZED BY:



ADAX

SUPPORTED BY:



cloudera

HOSTED BY:



ENIGMACG
CONSULTING GROUP

About Wrangle:

Wrangle hosted by EnigmaCG in conjunction with MDEC, ADAX and Cloudera bring you a one day event that was created "By Data Scientists for Data Scientists". This event showcases the latest trends, case studies as well as creating a platform for all to discuss and share viewpoints that affect us all in the world of Artificial Intelligence and Chatbots. Topics such as Artificial Intelligence, Social Media Analytics utilising Machine Learning, Rise of The Chatbots as well as a scintillating panel discussion on A.I and will it save humanity or make us extinct. This is without a doubt an unmissable event bringing together some of the leading experts in the field of A.I in ASIA.

Agenda:

08.00 – 09.00 Networking Breakfast Registration

09.00 – 09.15 Welcome Speech by Event Chairman: Sharala Axyrd, CEO ADAX

09.15 – 09.45 Seth Hendrickson, Data Scientist Cloudera

Interpretable Data Science: Understanding the algorithms that govern our lives

09.45 – 09.55 Q&A

09.55 10.25 Vartika Singh, Senior Solutions Architect at Cloudera

Tools and tricks: Cloudera's Data Science WorkBench and making machine learning easier

10.25 - 10.35 Q&A

10:35-10:50 Networking Tea/Coffee Break

10:50 – 11:20 Dr. Chan Chee Seng, Head of Artificial Intelligence, University of Malaya

From Academic to Industrial A.I. - A New Form of Life.

- Past, Present and the Future state of A.I.
- A.I. at The University of Malaya
- NLP Meets Computer Vision.

11.20 - 11.30 Q&A

11:30-12:00 Liu Feng-Yuan, Director (Data Science), Government Digital Services Government Technology Agency of Singapore

12.00 - 12.10 Q&A

12.10 – 14:00 Lunch

14.00 - 14.05 Lucky Draw

14:05 – 14:35 David Low, Chief Data Scientist, Pand.AI, Singapore

Rise of the AI Chatbots

- Various approaches of building an Artificial Intelligence Chatbot using Deep Learning techniques.
- Comparison between different approaches.
- The challenges faced when building, launching and maintain a chatbot

14.35 – 14.45 Q&A

14:45 – 15:15 Hong Cao, Head of Data Science EY

- Title: "Deliver Business Value with a Data Science"
- Overview of Data & Analytics Landscape
- Types of analytics and functional areas

• Sample Business Case Studies:

- Analyzing skills/trends
- Truck predictive maintenance
- Flight arrival prediction
- Challenges and Pitfalls

15.15 – 15.25 Q&A

15.25 – 15.55 Using Deep Learning to solve Specific Business Problems

Bilal Farooq, Head of Data Science, Modeling & Analytics at DiGi

15.55 – 16.05 Q&A

16:05 – 16.20 Afternoon Coffee Break

16:20 – 16.50 Vala Ali Rohani, PhD -Lead Data Scientist at The Center of Applied Data Science

Applied ML in Social Media Analytics: from Data to Actionable Insights

- Social Media Analytics using Machine Learning
- Sentiment Analysis, Emotion Mining, Topic Modelling and Social Network Analysis
- SMA use cases based on proposed analytical framework

16.50 – 17.00 Q&A

17.00 – 17.50 Panel Discussion: A.I is the future without a doubt. Will it however save or extinct humanity?

- Automation is the in thing, but with no ethics and regulations who is controlling this?
- We know very little about our own minds how can we expect to create artificial intelligence that also is able to understand empathy?
- Future of AI: Should we stick to Weak AI or GAI should be the ultimate goal?
- Elon Musk or Mark Zuckerberg? Two very different stories- whose side are you? Why?

Sharala Axyrd, CEO, ADAX

Bilal Farooq, Head of Data Science Digi, Malaysia

Liu Feng-Yuan, Director (Data Science), Government Digital Services Government Technology Agency of Singapore

David Low, Chief Data Scientist, Pand.AI

17.50 – 18.00 Q&A

18:00 – Lucky Draw

Closing Remarks by the chairman

**SETH HENDRICKSON,
DATA SCIENTIST
CLLOUDERA**

Seth is working on distributed, large-scale machine learning and deep learning integrated with big data tools like Apache Hadoop and Apache Spark. He is also a top Apache Spark contributor - he authored the multinomial logistic regression and one-pass elastic net regression algorithms in Spark's ML library, and has made significant contributions in Spark's linear, tree, and ensemble models. Previously, he worked as a machine learning engineer at IBM and an electrical engineer at GE. Seth is passionate about enabling data scientists in all industries with cutting edge machine learning tools through open source development. He holds an MS in electrical engineering from the Georgia Institute of Technology.

**HONG CAO,
HEAD OF DATA SCIENCE AT EY**

Hong CAO is the head of data science for Ernst & Young Advisory Pte Ltd (EY). He is responsible to set up and manage EY's ASEAN data science team, and lead the data science projects through the pipeline starting from presales, scoping to delivery. He is also a data science evangelist and advises the higher management on the current data science technologies and the undertaken strategy. He has a research background with prominent scientific publications in top-tier venues of machine learning, data mining and signal processing. His work in data-driven image forensics received the best paper award in IWDW 2010 and honorary mention in ISCAS 2010. He is also winner of multiple international data science competitions, such as GE Flight Quest in 2013 and OPPORTUNITY activity recognition challenge in 2011. He currently chairs the IEEE signal processing society, Singapore chapter.

**BILAL FAROOQ, HEAD OF
DATA SCIENCE, MODELING
& ANALYTICS AT DIGI
TELECOMMUNICATIONS**

Bilal has a Masters in Statistics and undergraduate in computer science (UTA, LUMS) with an extensive experience of 12 years in advanced analytics working with rich datasets in telecom industry and dat base marketing company in four countries (USA, UAE, Pakistan, Malaysia). He possesses a unique skillset in understanding the business problem and solving using advanced machine learning techniques. He is now investing significant time and effort to understand artificial intelligence and NLP, deep learning to solve business problems more efficiently and effectively.



**LIU FENG-YUAN,
DIRECTOR (DATA SCIENCE)
GOVERNMENT DIGITAL
SERVICES GOVERNMENT
TECHNOLOGY AGENCY OF
SINGAPORE**

Feng-Yuan is Director of the Data Science Division in GovTech. He heads a multidisciplinary data science unit that harnesses data science to drive evidencebased public policy and improve public service delivery. The team has worked on data problems in healthcare, transportation, fraud detection and operations management, utilising techniques such as machine learning, graph analysis and data visualisation. Feng-Yuan has had stints in public transport regulation and energy policy. He has degrees from St John's College, University of Oxford and the London School of Economics.

**DR VALA ALI ROHANI,
DATA SCIENCE LEAD
PHD OF COMPUTER SCIENCE
POSTDOC IN ANALYSING
COMPLEX NETWORKS**



Dr. Vala has a PhD of Computer Science from University of Malaya and currently serving as the Data Science Lead at ADAX and previously the Head of Data Analytics & IT in Berkshire Media. He is also the field supervisor to manage several national-level analytics projects in collaboration with recognized university such as UM and UTP.

Dr Vala has developed a series of sentiment predictive algorithms to analyse millions of social data using machine learning techniques. He also has several international certificates in Analysing Social Networks (University of Michigan), Mining Massive Datasets (Stanford University), Hadoop Framework (University of California), and Process Mining (Eindhoven University). Meanwhile, he has also served as a postdoctoral fellow in complex systems research group at University of Malaya. During his PhD studies, he was honoured as a member of Bright Sparks Programme in UM and won several research grants. Dr. Vala is renowned for his research and expertise on Data Science, Social Networks Analysis (SNA), Big Data Analysis, Process Mining, and Recommender Systems. He has more than 10 years' experience as lecturer in universities and has published several articles in international conferences and scholarly journals.

DR. CHAN CHEE SENG, HEAD OF ARTIFICIAL INTELLIGENCE UNIVERSITY OF MALAYA



Chee Seng is the Head of Artificial Intelligence Department in University of Malaya. He leads a A.I. research lab that focuses on computer vision to enable machines to detect and determine spatial and temporal events. Recently, the team is working on a very exciting deep learning project to automatically describe images with words (aka image captioning) that will be useful in image search, tell stories from album uploads and help visually impaired people understand the web. Chee Seng was the founding Chair for the IEEE Computational Intelligence Society (CIS) Malaysia chapter and the Malaysian Image Analysis and Machine Intelligence Association (MIAMI). He is also a senior member of IEEE, and a Chartered Engineer from The Institution of Engineering and Technology, U.K.



DAVID LOW CHIEF DATA SCIENTIST & CO-FOUNDER AT PAND.AI

David Low is currently the Co-founder and Chief Data Scientist at Pand.ai. A leading organisation that is geared towards the building of AI-powered chatbot used to disrupt and shape the booming conversational commerce space with Deep Natural Language Processing. David has represented Singapore's National University of Singapore (NUS) at The Data Science Game'16 in France and clinched top spot. David is also a guest lecturer at NUS where he conduct masterclasses on applied Machine Learning and Deep Learning . Before co founding Pand.ai, David was a Data Scientist with Infocomm Development Authority (IDA) of Singapore.

David has engaged within the world of data science throught his whole career and conducted projects in sectors including Manufacturing, Telco, E-commerce and Insurance industry. Projects carried out competitions and gained recognition on the IDA website and NUS publication. Earlier in his career, David was involved in two different research collaborations with Carnegie Mellon University (CMU) and Massachusetts Institute of Technology (MIT) which were funded by National Research Foundation and SMART. He also has competed on Kaggle and achieved an amazing international ranking of being 2% in the worldwide ranking.

VARTIKA SINGH SENIOR SOLUTIONS ARCHITECT AT CLOUDERA

Vartika Singh has been working in Applied Machine Learning for over 15 years. In her past job, she was the team lead for the Data Science and her current role she helps Cloudera's customers design and architect their machine learning workloads with an eye towards scaling and optimization.

WRANGLE 2017 MALAYSIA

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VENUE

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CONFIRMATION DETAILS

After receiving the registration form, ENIGMACG will reply via email confirming your participation at Wrangle 2017. If you do not receive this email within 72 hours, please email us on contact@enigma-cg.com

CANCELLATION TERMS & CONDITIONS

As this is a fully funded event we would appreciate as much early notice as possible for ENIGMACG to be able to reallocate your seats.

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