

Who Should Attend

This programme is suitable for business professionals who are interested to learn more about AI and Machine Learning and how they could potentially use AI to help them do their jobs better or gain additional insights to business issues and opportunities.

Programme Outline

1. An Introduction to Artificial Intelligence and Internet of Things
 - Evolution of Key AI technologies
 - IOT – What’s in a sensor and how did we get here?
 - The relationship between AI and IOT
 - Implications for businesses and for society
 - Discussion: The angry truck driver
2. How businesses are using Machine Learning
 - Core concepts of Machine Learning
 - How computers can learn from experience
 - Why this, why now?
 - How Machine Learning can be successfully integrated into business functions
3. Processing human language
 - How natural language processing is deployed in business contexts
 - Machine translation and RNNs
 - Case Studies: Sentiment Analysis
4. Computer Vision
 - CNNs
 - Applications of Computer Vision
5. Robotics
 - How robotics can benefit an organisation
 - Why robots are not yet everywhere
 - Discussion: The Trolley experiment for Autonomous vehicles
6. AI in Business and Society
 - The human-machine relationship
 - Game: Can a machine do your job?
 - Ethical and social implications of AI integration
7. The Future of AI and IOT
 - Imagining the future and potential uses in different industries
 - What human skills will remain important
 - Group work: Creating a roadmap for AI implementation for your organisation

Reflection / Discussion

“What is real intelligence?”

“What is in it for me?”

“How do I prepare myself for the future?”

Facilitator

Ms Anuprita Bhomick has 24 years of international experience working in Sales, Marketing, Operations, Strategy, Product Development, Analytics and Big Data in some of the biggest tech companies like Intel, Apple, Yahoo, Dell and HPE. She is currently the Director, Strategic Programs & Operations, Worldwide Channel & Alliances Sales at Hewlett Packard Enterprise. In her experience, she has managed global teams as well as global transformational projects, and she is intrigued by how people react to change, regardless of how beneficial the change is.



She has an Engineering degree from Mumbai University, an MBA from NUS Business School, an executive masters in Consulting from Insead and has studied Data Science and Artificial Intelligence from MIT.

Anuprita is a speaker at many global conferences including TEDx. She is also an Adjunct Professor of Strategy at the NUS Business School where she teaches Big Data Strategy. Her research interests include cognitive neuroscience, the human computer interaction and the future of work.

■ **Intake**
23 May 2019

■ **Class Timing**
9.00am – 5.00pm

■ **Fee**
\$856.00 incl. GST

SkillsFuture Credit

Singaporeans (aged 25 & above) self-sponsoring the programme fee may claim for their SkillsFuture Credit.

■ **Venue**
Singapore Management University

■ **Assessment Timing**
5:00pm – 6:00pm
(Participants are required to bring their laptop for the individual assessment)

■ **Fee after 70% SkillsFuture Funding (T&Cs apply)**
\$256.80 incl. GST
(for Singapore Citizens / PRs)

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Scan the QR code to visit programme website

