Eureka stories and insightful learning, feel a mastery like you’ve never experienced before!

This course is a non-technical primer, of a difficult topic, Artificial Intelligence (AI, Deep Learning), but it will still go very deep in a way that a layman can understand. It offers a comprehensive scope, not only of the benefits, but also about what works, what is mature, how to get AI to work for the new business models that will be revolutionary.

There is no greater feeling than the Eureka moment; when we could suddenly join the dots to grasp a core insight. Like Archimedes, we shout out loud – EUREKA! This is how we will teach AI. Although AI is highly complex, controversial and requires a programming and mathematical background to get through its technical depths, we have developed a new style of training that is exceptional, technically forceful, strategic and exciting, yet it is essentially light-hearted and anecdotal on AI’s emergence, now to be visualized as the new ELECTRICITY.
Transform yourself by gaining AI knowhow. Help your company succeed.

AI is more than the modern invention of FIRE or ELECTRICITY. It is the most revolutionary development that will bring benefits and impact to every sector of our economy but would also probably kill millions of jobs. Hence, we will need to ponder over its future effects (for the next 20 years). We will witness disruptions that will be most rewarding, doubling our GDP if we get it right. If we don’t, our companies will perish. Hence, do not be left behind. Start this course now and understand these issues deeply and get ready for the tidal wave of impending changes, driven by AI.

Uniquely, the course will focus on Deep Learning, instead of the conventional Machine Learning, as this will save time and reduce complexity. Fundamentally, it will explain efficiently how to get started, the technology strategy for AI and how to get AI solutions into the hands of enterprise users and operators. This is balanced by explaining the risks e.g. cyber security cum data privacy challenges.

This short course will also cover the key transformations and the exciting Smart Nation initiatives that will drive businesses in the next few years. There is an urgent need to know what will be available, the cost structures of AI systems and software, and how best to take a big “leap forward” in attaining higher productivity, automation and new value for customers. “AI First” is the new buzzword for enterprise transformation!

Key Learning Points

- Eureka happiness and a helicopter view of your entire AI journey that will be both exciting and transformational.
- Strategic use of AI to meet the threats of pending disruptions and the Smart Nation
- How to be an AI First company? Who has done it?
- Mastery of core AI concepts that are really difficult, facilitating planning and a closer dialogue with the technology teams
- Low cost AI and agile projects, maximal and timely exploitation via open source and the Cloud
- Use AI at the edge for IoT and instrumentation, besides at the backend

Topics

- What’s Eureka and AI (Deep Learning)?
- Powerful AI Deployments and Smart Nation applications
- Agility, powered by AI
- Future of AI and its dark side

Recommended Participants

- Senior executives who are operating at or near the top of their organisations. This includes CEOs, managing directors or executive vice-presidents in large and medium-sized corporations; senior partners in professional firms; senior executives in not-for-profit or public organisations; entrepreneurs; owners of large family businesses; and board members; and senior IT consultants and advisors.
Faculty Profile

As the ex-Chief Innovation Officer at Certis CISCO, Professor Yu was responsible for cultural transformation, strategic problem solving and innovations in areas such as Big Data, video and cognitive processing, Smart Nation, Internet of Things (IoT), robotics, drones and high security solutioning. He also led Quann Labs, focusing on cyber security innovation and anti-malware research.

Previously, Professor Yu held a similar role with the Ministry of Home Affairs. He has worked in the Civil Service since 1981 and was awarded National Day Honours, The Public Administration Medal (Silver) in 1993 and The Public Administration Medal (Silver) Bar in 2004.

Prior to being part of the Civil Service, he was awarded the Carl Duisberg Gesellschaft Scholarship, a Public Service Commission Scholarship, to pursue his studies at Fachhochschule Munchen, where he graduated as a Data Systems Engineer. During his studies, he received training at the Siemens Research Laboratory and IBM R&D Laboratory in Boblingen.

Professor Yu has been active in the fields of IT management and IT security for more than 20 years. He has led numerous national-level projects in IT security and homeland security and has been instrumental in evolving their architecture and fundamental mechanisms.

Professor Yu, a pioneer in the exploitation of microcomputers, is a former President of the Singapore Microcomputer Society. He is the inventor of cost-efficient and unique smart card readers, cryptography systems, more efficient protocols and fault tolerant systems.

He is also an Adjunct Associate Professor at the Department of Mathematics at the National University of Singapore where he teaches an introductory course on cyber security.

*AI is the new ELECTRICITY. Receive its POWER.*

Faculty:
Adjunct Professor Yu Chien Siang

Duration: 1 Day

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