Artificial Intelligence (AI) is more than just another buzzword, it is a fast growing technology that is changing industries and job functions around the world. It is gradually introducing itself to all aspects of daily life and has a very broad range of applications across a multitude of industries. The need and use of artificial intelligence is becoming a required skillset in many fields.

In this course you will learn what Artificial Intelligence (AI) is, explore use cases and applications of AI, understand AI concepts and terms like machine learning, deep learning and neural networks. You will be exposed to various issues and concerns surrounding AI such as ethics and bias, and jobs.

This course does not require any programming or computer science expertise and is designed to introduce the basics of AI to anyone whether you have a technical background or not.
Program Objectives

The 3-day short course on AI aims to provide audience the following:

- The audience are aware of “what AI is”, components, mechanic / functionality and application of AI in industries and businesses;
- They can make sense / make connection of the use of AI to help business processes and help organization to perform better;
- Have clear perspectives how AI can impact organizations and businesses, and also impact to them being part of the organizations;
- From case examples, the audience are able to map to the needs in their organizations to start thinking about using AI – to reduce costs, to make business faster and to make business process easier;
- The audience share their vision on allocation of AI, based on business challenges, problems or opportunity they have, and
- Address the question that how organization should prepare for skills to handle AI.

Program Contents

Day 1

Introduction to Artificial Intelligence
• Case study: The Hack Rod

The State of Artificial Intelligence
• Case study: Google Deepmind and AlphaGo
• Case study: IBM Watson

The impact of AI on jobs
• Group discussion

Technological Singularity
• Group discussion

Day 2

AI Disruption in education
• Practical applications of AI

AI and Ethics
• Group discussion

The use of Algorithms
• Individual exercise
• Group discussion

The top 100 start-ups in AI from 2018
• Group discussion

Day 3

AI parsing
• Case study: RecruitCraft
• Group exercise: practical application of parsing / machine learning
• Group discussion

Natural Language / chat bots and AI
• Case Study: OMI
• Group exercise: practical application of NLP
• Group discussion

Where to begin?
• How AI can apply to your industry
• Exercise: what problem do you aim to solve?
• Exercise: which type of AI would you apply
• Group presentation
• Group discussion

Fees

The tuition which covers cost of resource inputs, set of training materials, refreshments during the training sessions, airport transfers and minor medical expenses at AIT Medical Clinic (if necessary) and accident insurance. The tuition fee does not include accommodation, DSA & Air-fare.

For AIT Alumni the Tuition fee is US$ 500/- per person
For other applicants the Tuition fee is US$ 1,000/- per person.

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