

International Masterclass on Introduction to Artificial Intelligence

3-day Short Course

A collaboration between BlockchainLabs.ai
and the Asian Institute of Technology

4th to 6th
November 2020

Course Overview

Artificial Intelligence (AI) is more than another buzzword: it is a fast-growing technology that is changing industries and job functions around the world. It is rapidly 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 are becoming a required skillset in many fields.

This three-day Masterclass offers a practical grounding in AI and its applications to your organization. It will equip you with what you need to create an innovative, efficient, and sustainable organization fit for the 21st century. It will explore how AI-based solutions can be used to create both business value and social impact. By integrating key AI management and leadership insights, you will learn how to lead informed decision-making that improves the performance your organization.

You will be exposed to various issues and concerns surrounding AI such as ethics and bias, and jobs.

Audience

This course does not require any programming or computer science expertise and is designed to introduce the basics of AI to anyone whatever their background.

- You lead technology teams and need to drive implementation of your organization's AI strategy.
- As a manager or owner of a business, you want to deepen your understanding of AI in order to identify opportunities for implementing AI.
- You work on AI projects and want to align your business objectives, to improve customer experience.

Course Objectives

Participants will

- gain awareness of what AI is, its components, its mechanics and functionality; and its application in participants' businesses;
- understand how AI helps business processes and enables organization to improve their performance;
- gain clear perspectives on how AI can impact their businesses, and their own work;
- understand how AI can be used to reduce costs, make business faster and make business processes easier;
- gain a greater understanding of the skillsets their organizations require to handle AI.

Contents

Day 1

Introduction to Artificial Intelligence

- Its evolution and why an AI strategy is now so important
- 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: Recruit Craft
- 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 can AI apply to your industry?
- Your AI canvas.
- Exercise: what problem do you aim to solve?
- Exercise: which type of AI would you apply?
- Group presentation
- Group discussion

Fees

Fees cover all tuition and materials, refreshments during the training sessions, airport transfers, minor medical coverage and accident insurance. Fees do not include accommodation, meals or airfares.

USD 1,000 per person.

A special rate of USD 500 is available to AIT alumni.

Contact Information

Arjin Piromrak
Admission Officer
AIT Extension
e-mail: arjin@ait.ac.th