MACHINE LEARNING ACADEMY

6 Weeks Course: 17 April 2023 - 24 May 2023

Schedule

Face to face sessions at IDEALondon

Monday 17th of April | 6:00pm- 7:30pm
The Basics of Machine Learning| Dr Alastair Moore | *This first session gives background to the history of the subject of machine learning. You'll learn about different applications powered by ML and think about the process of system design. We'll cover the basic taxonomy of algorithms and look at a ML problem from end-to-end.*

Wednesday 19th of April | 6:00pm- 7:30pm
Designing ML Systems | Dr Alastair Moore | *Equipped with a little ML understanding, this session we will look at how to structure and plan projects with the machine learning canvas. We'll apply the framework to some real life projects and this about how to prioritise development.*

Monday 24th of April | 6:00pm- 7:30pm
Business Strategy in a World of Machine Learning | Tim Gordon |Best Practice AI | *This session will build on how to consider the overall strategy of a business. How should you think strategically about AI and ML when considering different opportunities and markets.*

Wednesday 26th of April | 6:00pm- 7:30pm
Components of an ML Pipeline| Dr Alastair Moore | *Here we will revisit the systems design principles in more detail. We will identify the key components in the ML pipeline and apply the design framework on specific use cases.*

Tuesday 2nd of May | 6:00pm- 7:30pm
Data Engineering in Support of Machine Learning| Niall Roche | *In this session we will explore the data infrastructure that supports ML. Identify the key skills, tools and technologies in the context of data engineering.*

Wednesday 3rd of May | 6:00pm- 7:30pm
Implementing ML into your business: Startup Founders | Panel Chaired by John Spindler| Capital Enterprise | *Learn from the founders of startups about their journeys of implementing ML. Receive useful insights and suggestions from the panel discussion of people who have delivered AI systems to market*

Tuesday 9th of May | 6:00pm- 8:00pm | Online only pre-booked
Project 1:1 / Personal project | Ai8 team | *Work on ML strategy for your own project with the help from experienced ML practitioners and strategists.*

Wednesday 10th of May | 6:00pm- 7:30pm
Advanced ML models: Deep Learning| Dr Alastair Moore | *Get an introduction to the concept of deep learning. Learn the building blocks of DL models. Identify various algorithms and applications.*

Monday 15th of May | 6:00pm- 7:30pm
Natural Language Processing| Dr Max Bartolo | *Deep dive into ML applications in the field of Natural Language Processing. Build the knowledge about various NLP models that focus on words, text and understanding language.*

Wednesday 17th of May | 6:00pm - 8:00pm | Online only pre-booked
Project 1:1 / Personal project | Ai8 team | *Work on ML strategy for your own project with the help from experienced ML practitioners and strategists.*

Monday 22nd of May | 6:00pm - 8:00pm | Online only pre-booked
Project 1:1 / Personal project | Ai8 team | *Work on ML strategy for your own project with the help from experienced ML practitioners and strategists.*

Wednesday 24th of May | 6:00pm- 7:30pm
Roundup and Recap| Dr Alastair Moore | *In the last session we'll review what we've covered. Think a little bit more about building teams and how to get started and cover off any outstanding questions participants have about their own understanding and projects.*