



Course Title: Fundamentals of Machine Learning for the Energy Professional.

Objectives:

- Understand the difference between traditional programming and artificial intelligence (AI)
- Understand the theory of artificial intelligence, machine learning, deep learning etc.
- Understand how real-world problems are solved with artificial intelligence
- Learn the definition of the buzzwords, concepts and terminologies
- Develop enough knowledge to identify business challenges well suited for AI
- Gain hands-on knowledge on embedding digitalisation and digital practices within their everyday work process – digitisation, integration, democratisation and analytics.

Course Outline:

Period	Morning
Day 1	Introduction to AI/ML
Day 2	Hands-on Session on ML
Day 3	Review of Day 2 exercise Q&A

AI = Artificial Intelligence. ML = Machine Learning