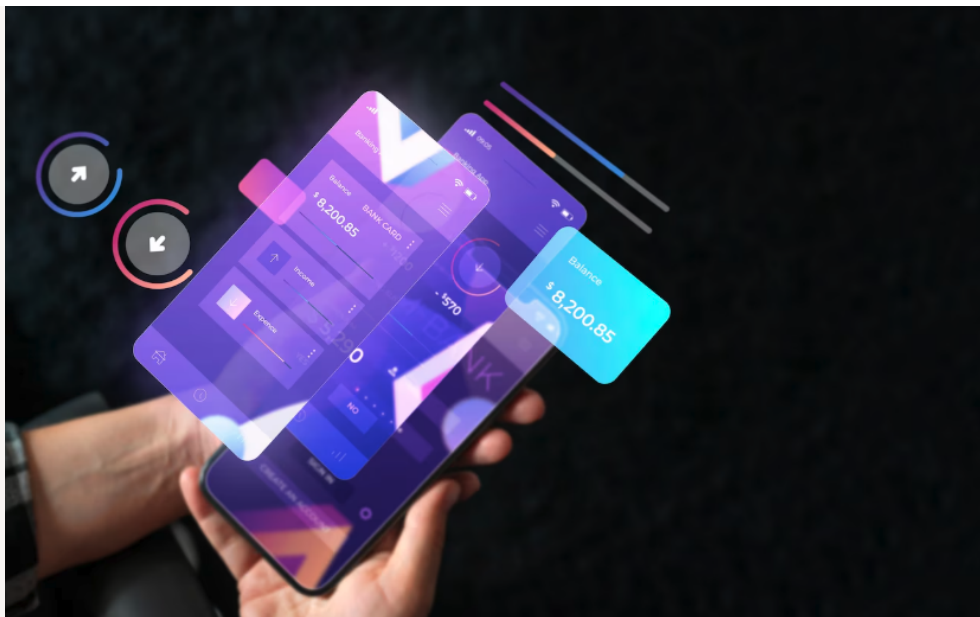


AI Application for Utility

Professional training programme



SPARK TRAINING

Professional training courses for leaders, specialists, and organizations seeking practical capability development.

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— Workshop Overview

The training course designed to help the Utility industries in the use and implementation of AI. Despite its ubiquity and hype, as well as wide media coverage, not everyone understands what AI actually means, and it is specifically AI the capacity of machines and computers to mimic human behavior. However, underneath that big umbrella definition, are machine learning technologies and sophisticated algorithms that help machines and computers work smarter and more effectively and combined with human imagination and intervention achieve significant breakthroughs. This training course is designed to prepare the delegates for the use of AI within the utility industry and implement tools, techniques, algorithms and software allowing for the AI implementation and upgrading Utility industry with digital twins and prepare them for the Utility demands and solutions for the future. This training course will feature:

- AI to help transform utility operations,
- AI influence in customer relationships
- Business models change and adaptation rough AI
- AI use to manage the large and accelerating influx of distributed energy resources
- Utility industry use of AI to take advantage of customer interest in deeper engagement

Why Attend

This training will utilize a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented. This includes theoretical presentation of the concepts, but the emphasis will be on the exercises performed by the delegates with the guidance of the instructor.

Who Should Attend

CEOs,
CTOs, CIOs and Engineers,
Data Scientists, Data Analysts,
Statisticians and technology personnel,
Marketing and research specialists,
IT Engineers,
Junior Engineers and Graduates who wish to

— Learning Objectives

- Understand how to implement AI in Utility Industry
- Explain how to imitate human in clustering and classification
- Understand how to design a Machine Learning based applications
- Analysis and Design AI Applications
- Learning how to analyze daily business problems and create Artificial Intelligence solutions

Course Outline

DAY
1

Day One: AI Fundamentals and Data Analysis

- Overview of AI
- AI in the Utility Industry
- Data and AI
- Business Intelligence

DAY
2

Day Two: AI and the Evolution of the Utility Industry

- Evolution of the Utility Industry
- Generative AI in Utilities
- AI Fundamentals and Terminology
- AI's Impact on Business and Decision-Making
- AI Applications in Utility Industry

DAY
3

Day Three: Machine Learning and Intelligent Agents

- Introduction to Machine Learning
- Classification and Clustering
- Artificial Neural Networks
- Logic Reasoning and AI
- Unification and Deduction Processes

DAY
4

Day Four: AI for Operational Improvement in Utilities

- Customer Experience Enhancement
- Predictive Maintenance
- Risk Detection and Mitigation
- Regulatory Compliance and Consensus
- AI for Distribution Planning

DAY
5

Day Five: AI for Sustainable Energy Management

- Integrating Alternative Energy Sources
- AI in Solar Energy
- AI in Wind Energy
- AI in Biomass Energy
- Energy Savings and Efficiency

— Upcoming Classroom Dates

DATE	LOCATION	FEE
12 - 16 October 2026	London - United Kingdom	€2,100
9 - 13 November 2026	Munich - Germany	€1,725
14 - 18 December 2026	Rome - Italy	€2,125
18 - 22 January 2027	Frankfurt - Germany	€1,625
15 - 19 February 2027	Rome - Italy	€2,125
15 - 19 March 2027	Kuala Lumpur - Malaysia	€1,400
19 - 23 April 2027	Barcelona - Spain	€1,925
17 - 21 May 2027	London - United Kingdom	€2,100

— Certificate and Registration

Participants who attend and complete the full programme receive a SPARK Training Certificate of Completion. For registration, in-house delivery, or availability questions, contact info@sparktraining.eu or +31 85 115 0004.