



CAMBRIDGE SPARK

DATA SCIENCE TRAINING

Focusing on the most industry-relevant skills and cutting-edge techniques in data science and software development, Cambridge Spark provides intensive professional development courses in data science, machine learning, deep learning, big data analytics and natural language processing. Our professional students come from some of the most prestigious financial institutions and universities in the UK and internationally.



Our practical, project-based courses are designed to equip your workforce with the skills to leverage new tools and technologies to solve real-world problems. Courses are delivered by our team of top-tier Computer Science and Data Science researchers with backgrounds from The University of Cambridge, the University of Oxford, Google, Oracle, Goldman Sachs and Amazon.





CAMBRIDGE SPARK

OUR COURSES



PRAGMATIC PYTHON PROGRAMMING

Python fundamentals, interacting with APIs, data processing and code architecture.



CORE DATA SCIENCE

Exploratory data analysis and interactive visualisation, unsupervised learning, dimensionality reduction and feature extraction and supervised learning.



MACHINE LEARNING AND DEEP LEARNING

Model evaluation and optimisation, decision trees, random forests, logistic regression, SVMs, neural networks and deep learning.



INTRODUCTION TO BIG DATA AND SPARK

The Big Data ecosystem, Hadoop and Apache Spark in practice.



REGRESSION AND TIME SERIES ANALYSIS

Linear regression, nonlinear regression, auto-regressive models, time series analysis and regularisation.



TEXT MINING AND NATURAL LANGUAGE PROCESSING

Text processing, Syntactic analysis, Semantic analysis, Topic analysis
Language models and text generation.

GET IN TOUCH

We look forward to discussing your requirements and exploring how we can help.

Dr. Raoul-Gabriel Urma, CEO

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