Project Controls EXPO
London, UK

Bootcamp

Roadmap to Mastering AI in Total Cost Management

3rd November 2025

09:00 – 17:30

Executive Box 3006

Bootcamp Sponsored By:

London Metropolitan College

H.L. (Lance) Stephenson

CET, CCP, FAACE, PMP, MRICS

Director of Operations, PD&C, AECOM

https://projectcontrolexpo.com/uk/bootcamp

What's Included in the Bootcamp

Bootcamp Manual
A comprehensive guide for AI adoption in Total Cost Management

Planning & Execution Templates
Tools like TCM & AI maturity matrices, ML life cycle roadmap, and use-case templates

Case Studies & Resources
Real-world examples & supplemental materials.

Certificate of Participation
Recognition for completing the Bootcamp

Expo souvenir
Tote bag, notebook with pen

Course Overview:

This intensive one-day training course is designed for professionals looking to enhance their skills in data analytics and how these are applied in Total Cost Management. Attendees will delve into intermediate (and some advanced) techniques and tools used in data analysis, visualization, interpretation, and decision-making.

Participants will examine the techniques of data and analytics in a real-world setting to assist them in fine-tuning their fluency with data concepts, challenges, and applications. By the end of the bootcamp, participants will understand the requirements to:

- Understand how to apply and interpret key analytic types to improve project decisions.
- Learn how AI and machine learning enhance forecasting, cost, and risk insights.
- Define use cases for specific organizational needs to construct prediction models.
- Grasp how generative AI and language models support automation in project controls

Why the Bootcamp approach?

Bootcamp - A Comprehensive One-Day Training Course

Bootcamps offer a fast-track approach to acquiring in-demand skills, making them a popular choice for individuals seeking to upskill, reskill or change careers. This approach was chosen due to the dynamic and vast spectrum of Artificial Intelligence within the Total Cost Management domain.

What you'll get:

Improved data literacy, the ability to communicate effectively with data analysts to understand when to use (and how to interpret) descriptive, predictive, and prescriptive analytics.

Guidance on evaluating various data analytics tools, such as machine learning, prediction models, and regression analysis.

Techniques to apply scientific thinking to business, such as examining cause & effect in data analysis and designing an experiment.

A deeper understanding of how to build a data-driven organization, including managing privacy concerns and developing strategies for cultivating evidence-based decision-making.

Who Should Attend:

This program is designed for mid to senior-level delegates who want to develop a deeper understanding of advanced data analytics, artificial intelligence and their outputs.

Prerequisites:

Based on the bootcamp agenda, which includes foundational theory, practical applications, technical labs, and strategic integration of AI into cost engineering and project controls, the recommended level of attendee expertise should fall into the intermediate category with flexibility at both ends.

Attendees should have:

- An understanding of total cost management & it's working components (cost, schedule, risk, etc.)
- Basic understanding of statistics and probability
- Familiarity with Microsoft Excel

The prerequisites ensure the attendees can meaningfully participate in discussions and hands-on exercises to enhance the learning journey, promoting a deeper understanding how analytics tie into project delivery processes.

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