BOOTCAMP APPROACH & PREREQUISITES

Why the Bootcamp approach?

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 and 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.