

Project Management for Data Analysts

course outline

In this course, you'll learn the concepts and tools most commonly used for project management in data science.

IS THIS COURSE FOR YOU?

This course is for anyone who is interested in learning the approaches and techniques used for project management in data science and other technical fields.

ABOUT THE COURSE

Data analysts must juggle being technically sound, being thoughtful business partners, having strong project management skills, and remaining focused on the priorities of their organisation.

Knowing which tools to use — and when — is a key part of the data analyst's planning and decision-making. Just as this is the case with the technology tools the data analyst uses, so is it true of the project management processes and systems that will be deployed for any given project.

This course will introduce you to the essential tools and techniques used for project management and collaboration in data science and other technical fields. You'll explore the essential concepts of Lean, Agile, and Scrum methodologies and their application.

The course consists of 11 modules and includes demonstrations, hands-on activities, and knowledge tests at the end of each section of the course.

AIMS AND OBJECTIVES

The aim of the course is to ensure your understanding of the fundamental research methods and tools used to draw conclusions based on data.

PRE-REQUISITES

There are no pre-requisites for this course.

COURSE CONTENT

- Module 1: Understanding the Collaboration Tools**
- Module 2: Software Project Management Communication Skills**
- Module 3: Lean, Agile, and Scrum Methodologies**
- Module 4: Using Lean to Perfect Organisational Processes**
- Module 5: Using Lean to Improve Flow and Pull**
- Module 6: Using Lean to Reduce Waste and Streamline Value Flow**
- Module 7: Applying Value Stream Mapping in Lean Business**
- Module 8: Agile Principles and Methodologies**
- Module 9: Agile Project Planning**
- Module 10: Agile Project Scheduling and Monitoring**
- Module 11: Agile Stakeholder Engagement and Team Development**

CAREER PATH

To enter the field of data science, it's essential to learn the techniques underpinning data research and statistics. A strong understanding of research methodology and modelling is key to performing robust analytics and data interpretation.

COURSE DURATION

12 hours. This will vary based on prior knowledge and ability.



CPD POINTS: 12

CPD points awarded upon successful completion



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