



Course outline

In this course, participants will learn to create reports with analytic and data visualisation tools. This enables participants to build their own interactive data dashboard for storytelling. Participants will also be exposed to the challenges and handling large Big Data in practice.

- Learn to make basic SQL queries to extract and summarise data
- Learn to load data into visualisation tools like Tableau
- Create interactive dashboards to visualise and analyse data
- Learn how to handle big data in the cloud

Course objectives

Collecting data through technology has changed the game of analysis in businesses today. With accessible tools, companies are able to churn and gain reliable insights from Big Data efficiently.

At the end of the course, participants will be able to:

- Gain exposure to systems and tools to handle tabular data (Microsoft Excel, Google Sheets, SQL DBMS)
- Obtain a basic understanding of Relational Database Theory
- Learn the fundamentals, properties and challenges of handling Big Data
- Learn how data can be represented in tabular form

Course details

1 week

Certificated by Singapore Management University (SMU)

Who should attend

- Professionals seeking to tackle real-world problems with storing, analysing and visualising data
- Anyone with an interest in learning basic data analysis techniques with accessible resources
- Professionals looking to apply data-driven practices into their line of work
- Professionals looking for practical experience with industry experts

Pre-requisites

No prior experience or background required

Tools

Microsoft Excel, Google Sheets, SQL DBMS

Model of training

Classroom, Field trip

