Dimensional Modelling Training

Duration: **2 Day**

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Overview

Dimensional modelling is a core component of modern business intelligence, providing a foundation for effective reporting, analytics, and data-driven decision-making. This two-day instructor-led course introduces the principles of dimensional modelling and explores how it supports data warehouses and data marts.

Designed for learners with no previous experience of dimensional modelling, the course covers data warehousing concepts, analytical requirements gathering, dimensional design techniques, and physical implementation considerations. You'll learn how to design fact and dimension tables, explore modern approaches to data movement, and understand how online analytical processing technologies support analytical workloads.

The course is vendor and product independent, giving you a foundation that can be applied across a range of business intelligence and analytics platforms.

Prerequisites

There are no formal prerequisites for this course.

A basic understanding of business intelligence or data concepts may be beneficial, but previous experience of dimensional modelling is not required.

Target audience

This course is designed for:

- Business analysts responsible for gathering analytical requirements and designing dimensional models
- Data professionals working with business intelligence and analytics solutions
- IT professionals responsible for implementing dimensional models and online analytical processing solutions
- Anyone looking to build a strong foundation in dimensional modelling and data warehouse design

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What You Will Learn

By the end of this course, you'll be able to:

- Describe data warehousing concepts and explain the role of dimensional modelling in business intelligence
- Gather and interpret analytical business requirements for dimensional models
- Distinguish between facts, measures, and dimensions when designing analytical solutions
- Design dimensional models using recognised modelling techniques
- Describe physical implementation considerations for dimensional models
- Explain how online analytical processing technologies support analytical reporting and business intelligence
- Apply dimensional modelling techniques to practical business intelligence scenarios