

# DMAD201: Data Modelling & Design

**15 credits**

In this module, you'll learn about relational databases, including modelling the data required and implementing a data solution to meet needs and requirements.

The module will cover:

- business data requirements – databases and information systems
- modelling data requirements – conceptual and logical representations of a system
- realising the data model – from logical to physical, and implementation in SQL
- data manipulation using SQL
- data management – data quality and correctness, models and reality
- data in context – business and legal issues, performance and clarity, non-SQL technologies.

## Skills Contributions

- [DTAN](#)
- [REQM](#)
- [SINT](#)