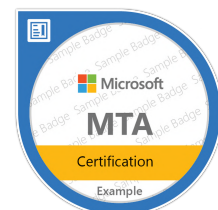




# Get Ahead in Digital Transformation

# Database Management





## Why do this course?

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Accurate and well managed data is essential for almost all organisations; databases are key to service delivery and websites, and data itself can provide essential insight into customer purchasing patterns, target markets, return on investment, company and product performance to name a few. The challenge for businesses is only store the information it requires from the enormous amount created on a daily basis, and then keeping data accessible, clean and up to date.

Therefore, database management skills are vital in an employer's workforce and this course will coach learners to develop introductory knowledge and skills with databases, including relational databases, such as Microsoft SQL Server.

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## What will learners be able to do?

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- Understand Core Database concepts
- Create Database Objects
- Manipulate Data
- Understand Data Storage
- Administer a Database



## Topics that will be covered:

### Data research & analysis

The analysis of information structure (including logical analysis of taxonomies, data and metadata) and development of innovative ways of managing the information assets of the organisation.

### Database design & administration

Understanding core database concepts, creating database objects, manipulating data, understanding data storage and administering a database.

### Data modelling and design

The development of models to represent and communicate data requirements to enable organisations to understand their data assets and the relationships between real-world entities.

The investigation, analysis and scoping of data requirements to support the development of data integration and data retrieval activities.

## What will the learner achieve?

The Get Ahead in Digital Transformation programme aims to add digital accountabilities to learner's existing roles or enable unemployed learners to take on new jobs with digital accountabilities. As part of the programme the learner can take the exam to achieve the Microsoft MTA-Exam 98-364: Database Administration Fundamentals certificate



## How will employers benefit?

With improved digital skills in its workforce, businesses will be more able to effectively harness new and emerging technologies and will be able to expand into new markets and develop their product offering, adding more value to increasingly digital markets, benefiting from improved efficiencies, automation and production.

