

ICDL Professional DATABASES (ADVANCED)



The Databases (Advanced) module covers the main skills needed for advanced data management, database structure, and outputs. It builds on the skills acquired in the Databases module.

Database applications are key to effectively manage and analyse high volumes of data. Their advanced tools can produce quantitative information for businesses and organisations to base decisions on.

This module is suitable for candidates looking to deepen their understanding of the advanced concepts and skills needed for using databases and database applications.

Develop the skills needed to use advanced databases for handling high volumes of data

The Databases (Advanced) module is part of ICDL Professional, designed to meet the needs of modern professionals in a range of sectors.

Main learning outcomes

Successful candidates will be able to use a database application to create relational databases. After passing this module, candidates will feel confident managing complex datasets and improving the functionality of databases. They will be able to:

- understand the key concepts of database development and usage
- know how to create relational databases and manage relationships between tables
- identify and create the advanced queries that can better manage information
- know how to create advanced forms for adding, editing, and deleting data
- recognise the productivity gains available, such as linking, importing, and automation

Module Overview	
Category	Skill Set
Database Concepts	• Database Development and Use
Tables and Relationships	• Fields/Columns • Relationships and Joins
Queries	• Query Types • Refining a Query
Forms	• Controls
Reports	• Controls • Presentation
Enhancing Productivity	• Linking, Importing • Automation

Why certify with ICDL?

- ICDL certification is internationally recognised by employers and institutions.
- ICDL modules are developed with input from computer users, subject matter experts, and practising professionals from all over the world.
- The regularly updated syllabus content reflects day-to-day tasks and responsibilities typical of job roles.
- ICDL modules focus on skills acquisition as well as an understanding of concepts.
- ICDL syllabus content is vendor-independent so that skills and knowledge are transferable.
- ICDL has rigorous Quality Assurance Standards (QAS) and regular quality audits are conducted internally and externally.

