# 55315 Introduction to SQL Databases

**Category:** AI, Data & Analytics | **Vendor:** Microsoft Technical

**Duration:** 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

This three-day instructor-led course is aimed at people looking to move into a database professional role or whose job role is expanding to encompass database elements. The course describes fundamental database concepts including database types, database languages, and database designs. This course updates and replaces course 10985C previously published under the same title.

## About This Course

This three-day instructor-led course is aimed at people looking to move into a database professional role or whose job role is expanding to encompass database elements. The course describes fundamental database concepts including database types, database languages, and database designs. This course updates and replaces course 10985C previously published under the same title.

## Who Should Attend

The primary audience for this course is people who are moving into a database role, or whose role has expanded to include database technologies. Developers that deliver content from SQL Server databases will also benefit from this material.

## Prerequisites & Entry Requirements

### General Prerequisites:

This is a foundation level course and therefore only requires general computer literacy.

## Learning Outcomes

**Upon successful completion of this course, participants will be able to:**

Describe key database concepts in the context of SQL Server Describe database languages used in SQL Server Describe data modeling techniques Describe normalization and denormalization techniques Describe relationship types and effects in database design Describe the effects of database design on performance Describe commonly used database objects

## Detailed Course Outline

### 1 - Introduction to databases

- Introduction to Relational Databases
- Other Databases and Storage
- Data Analysis
- SQL Server Database Languages

### 2 - Data Modeling

- Data Modelling
- Designing a Database
- Relationship Modeling

### 3 - Normalization

- Fundamentals of Normalization
- Normal Form
- Denormalization

### 4 - Relationships

- Introduction to Relationships
- Planning Referential Integrity

### 5 - Performance

- Indexing
- Query Performance
- Concurrency

## 6 - Database Objects

- Tables
- Views
- Stored Procedures, Triggers and Functions

# Frequently Asked Questions

### Q: What delivery options are available for 55315 Introduction to SQL Databases?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

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### Q: How many CPD hours does this course provide?

The 3-day 55315 Introduction to SQL Databases course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

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### Q: What is the duration of the 55315 Introduction to SQL Databases training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

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### Q: Do you provide corporate training for 55315 Introduction to SQL Databases?

Yes, we provide corporate training, dedicated training, and closed classes for 55315 Introduction to SQL Databases. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

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## Q: Why choose Nexus Human for 55315 Introduction to SQL Databases?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

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## Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your 55315 Introduction to SQL Databases training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.


**Nexus Human**

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