

# SQL Introduction – Sample Course Outline

Duration: One Day

This course is for you if you are a newcomer to SQL who is looking to learn the basics of relational databases and SQL programming.

## What will be covered?

- ✓ Fundamentals of relational databases
- ✓ SQL Syntax
- ✓ Database schemas and models
- ✓ How to build database queries

## About this course

### Attending this course will help you to:

- Understand the basics of SQL syntax.
- Understanding the basics of database schemas and models.
- Query databases to retrieve data.
- Filter, sort, and aggregate data.
- Join multiple tables to extract valuable insights.
- Understand database normalization.
- Understand how to use SQL in various applications.

### Prerequisites for attending:

- No prior knowledge of SQL programming is required.
- Basic computer skills are necessary.
- A second monitor is recommended but not required.
- A stable internet connection is required.
- SQL Server Developer Edition installed.
- SSMS Installed.
- Data Required for this course will be provided during the course.

### Note:

Although SQL Server is required for this course, these skills translate almost seamlessly with other SQL databases. This course focuses on the DML subset of SQL.