SQL in Azure Data Studio

2 day training course

Course contents

This course will cover the following topics. Those marked with (*) will be covered if time allows.

Using Azure Data Studio

- Connecting to databases
- Table and column navigation
- Typing and running SQL

Creating notebooks

- Adding text and cells
- Formatting and layout
- Saving and re-using notebooks

Creating queries

- The SELECT statement
- Comments and indentation
- Table and column aliases
- Imposing sort order

Criteria using WHERE

- Simple and combined criteria
- Using wildcards
- Dealing with nulls

Creating expressions

- Adding calculated columns
- The CASE statement
- Useful SQL functions

Expressions using dates

- Getting the current date
- Formatting dates
- Useful date functions

Joins

- The importance of table aliases
- Inner joins
- Left and right outer joins

Grouping queries

- Aggregating single columns
- Grouping by columns
- Issues with counting and averaging

Creating visuals

- Creating charts
- Configuration options

Other ADS tools (*)

- Using extensions
- Dashboard widgets

Pre-requisites for SQL in Azure Data Studio course

There are no pre-requisites for this course, although if you've never seen a relational database before (consisting of linked tables) you may get less out of the training.

Prices

Venue	Address	Price per place
London	Landmark, 99 Bishopsgate, London EC2M 3XD	£1,425 per person + VAT
Manchester	Holiday Inn, 25 Aytoun Street, Manchester M1 3AE	£1,050 per person + VAT
Online	Your home or office!	£875 per person + VAT

Scheduled Dates

Dates	Venue	Times	Price per place	Booking
Tue/Wed 27-28 May 2025	Online	09:30-16:30	£875 + VAT	Book this
Wed/Thu 25-26 June 2025	Online	09:30-16:30	£875 + VAT	Book this
Thu/Fri 24-25 July 2025	Online	09:30-16:30	£875 + VAT	Book this
Wed/Thu 20-21 August 2025	Online	09:30-16:30	£875 + VAT	Book this
Thu/Fri 25-26 September 2025	Online	09:30-16:30	£875 + VAT	Book this

If you can't see the dates that you want, ask us about organizing a customized course at your office (we'll provide and set up the computers), or else an online course tailored to your needs.