SQL in Azure Data Studio

Classroom or online training course
2 day course outline

This course covers the following topics (any items marked with a * will be covered if time allows). Note that this is a new course (this which means that we don't guarantee to run all scheduled dates).

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

Maximum 6 people per course. Scheduled classroom courses include lunch at a local restaurant; you can see how our online training works here. For more information, see https://www.wiseowl.co.uk/.