## **Control flow functions** – Lesson overview

## Learning objectives:

- Understand the importance of control flow functions in SQL.
- Understand the syntax and application of the CASE and IF statements.

Control flow

functions

- Know how to implement conditional logic in queries for data classification and manipulation.
- Know how to integrate control flow functions with other SQL features, such as aggregate functions and the GROUP BY clause.
- Understand nested logic for complex data scenarios using nested IF and CASE statements.



Slide deck



**Knowledge questions** 



Walk-through



**Notebook** 



**SQL** control

flow functions

**Exercise** 



Reference card



**Description** 

Understanding control flow functions is crucial for enabling conditional logic within queries, allowing for dynamic data retrieval and manipulation based on specific criteria.

**IF** statements. We will focus on the syntax and practical applications of these functions to learn how to categorise and conditionally manipulate data. Additionally, we'll learn how to **nest** these functions and combine them with other SQL features, such as **aggregate functions** and the **GROUP BY clause**. By the end of this

**Essential SQL** functions

In this lesson, we'll introduce two main control flow functions, the CASE and lesson, you'll have the knowledge and skills to navigate control flow functions and apply techniques to handle data based on specific conditions.