**Subquery vs Join**

-- When you need to combine data from multiple tables in SQL, you have two main options: subqueries and joins.

-- Both can help you achieve the same result, but they have different advantages and disadvantages.

Subquery vs join: performance

-- One of the main factors to consider when choosing between subqueries and joins is performance.

-- Generally speaking, joins are faster than subqueries, because they can use indexes and other optimization techniques.

-- Subqueries, on the other hand, may require more processing and memory, especially if they return large or complex results.

-- However, this is not always the case, and the performance may depend on the database engine, the data size, the query complexity, and the indexes available.