

# Subquery Notes

## Vocab

Scalar

Inline-view

Correlated subquery

Multi-row subquery

Multi-column subquery

## Questions

What clauses can a subquery be placed in?

How do you name a subquery?

What is an inline-view?

Where do you see inline-views?

How do you reference an outer table in the subquery?

Can you JOIN in a subquery?

Can you use ORDER BY in a subquery?

Can you use aggregate functions in a subquery?

What is used to surround a subquery?

What determines if a subquery is scalar?

What operators can't you use if the subquery is NOT scalar?

How do you plan a subquery?

How do you optimize writing subqueries?

What kind of subquery goes in the SELECT clause?

What kind of subquery goes in the FROM or JOIN clause?

What kind of subquery is used with the WHERE clause?

What kind of subquery is used with the HAVING clause?

What kind of subquery goes in the ORDER BY clause?

What is the deal with the text literal and the EXISTS/NOT EXISTS operator?

How can you tell that a query is a correlated subquery?