## Less Common Joins: Takeaways 函

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## Syntax

· Combining tables using left joins:

```
FROM some_table
LEFT JOIN another_table
ON some_table.some_column = another_table.some_column;
```

• Combining tables using cross joins:

```
SELECT *
FROM some_table
CROSS JOIN another_table;
```

• Joing tables on complex conditions:

## Concepts

- A self-join occurrs when we join a table with itself.
- An equi-join is a join where the join condition is an equality.
- Join conditions don't need to be equalities; they can be anything.
- Cross joins give us all combinations between rows of the intervening tables.

## Resources

- Joins in SQL
- Running total

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