

# Introduction to Joins: Takeaways

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## Syntax

- Combining tables using inner joins

```
SELECT *  
FROM some_table  
JOIN another_table  
ON some_table.some_column = another_table.some_column;
```

- Selecting columns from different tables in an inner join

```
SELECT some_table.some_column,  
       another_table.another_column  
FROM some_table  
JOIN another_table  
ON some_table.some_column = another_table.some_column;
```

- Aliasing table names

```
SELECT T1.some_column,  
       T2.another_column  
FROM some_table AS T1  
JOIN another_table AS T2  
ON T1.some_column = T2.some_column;
```

## Concepts

- Joins allow us to combine data from different tables.
- A join between tables works by iterating over the `FROM` table, checking which rows from the `JOIN` table match the condition, and adding those that do to the result.