Joining Tables

- **Join** - to merge two tables together via a common trait
- **Syntax:** `JOIN table2 ON condition` - join values from a table to `table2`, with rows from one table joining with another if the condition holds for the two rows.

Types of Joins

- **Inner Join** - a join between tables such that the join will only return matched rows between two tables.
- **Outer Join** - a join between tables such that the join will return matched rows between two tables, in addition to other rows in some tables, depending on the type of join
  - **Left Outer Join** - this outer join will return rows that match between two tables, and also all rows from the table in the `FROM` clause
  - **Right Outer Join** - this outer join will return rows that match between two tables, and also all rows from the table in the `JOIN` clause
  - **Full Outer Join** - this outer join will return all matched rows, along with all other rows in either table.