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SQL Joins

Download exercise starter code

Part One: Getting Started

Let's start with the following sql file called **data.sql**.

Download the starter code, and first, take a look at the SQL in that file and make sure you understand what it is doing. Once you have read that code, run the following in the unzipped folder:

```
$ psql < data.sql $ psql joins_exercise</pre>
```

Write the following SQL commands to produce the necessary output

• Join the two tables so that every column and record appears, regardless of if there is not an *owner_id*. Your output should look like this:

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Count the number of cars for each owner. Display the owners
 first_name, last_name and count of vehicles. The first_name should be ordered in ascending order. Your output should look like this:

```
/* first_name | last_name | count ------ Alex |
Miller | 1 Bob | Hope | 2 Jane | Smith | 2 Melody | Jones | 2 Sarah | Palmer
| 3 Shana | Smith | 4 (6 rows) */
```

• Count the number of cars for each owner and display the average price for each of the cars as integers. Display the owners <code>first_name</code>, <code>last_name</code>, average price and count of vehicles. The <code>first_name</code> should be ordered in descending order. Only display results with more than one vehicle and an average price greater than 10000. Your output should look like this:

Part Two: SQL Zoo

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Complete the exercises in the Tutorials steps 6 and 7 in https://sqlzoo.net/

Solution

View Our Solution