



[Return to "Programming for Data Science with Python" in the classroom](#)

Investigate a Relational Database

REVIEW

CODE REVIEW

HISTORY

Meets Specifications

You did an excellent work addressing the concerns and suggestions from a previous reviewer, well done. Receiving feedback positively and reacting appropriately to it is an essential skill in most professions, but it is of particular importance for Data Analysts/Scientists.

I am sure you will discover your newly acquire SQL skills to be extremely relevant and useful in your future work assignments. It was a pleasure reviewing your work; I wish you a lot of success in your career.

Queries

All SQL queries run without errors and produce the intended results.

Each SQL query needs to include one or more explicit JOINS. The JOIN or JOINS should be necessary to the query.

If a question does not require a JOIN please change the question to be one that does.

Each SQL query needs to include one or more aggregations. This could be a COUNT, AVG, SUM, or other

aggregation.

At least 2 of the 4 SQL queries need to include either a subquery OR a CTE.

At least 1 of the 4 queries should use a Window Function.

The SQL queries are well formatted and use aliases.

Your queries are well formatted.

Suggestion: I like to leave the formatting to tools since it can keep the formatting consistent. I use in Unix-like operating systems is called pgFormatter (<https://github.com/darold/pgFormatter>), the above is an example of your first query formatted by the tool

Presentation

Each slide should have a question and an appropriate visualization descriptions to address the question. The slides should be free of significant factual, spelling and grammatical mistakes.

All visualizations should make logical sense and provide accurate analysis based on their query results.

1. All visualizations include a title and axis labels, have a legend where applicable, and are easily understood.
2. Every visualization should have:
 - chart title
 - x axis title
 - x axis label
 - y axis title
 - y axis labels

Everything is well-labelled.

RETURN TO PATH

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