

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

# Investigate a Relational Database

## REVIEW

## CODE REVIEW

## HISTORY

### Meets Specifications

Wonderful Job!

You have clearly spent a lot of time on this project (and it shows). Your SQL queries work well and ran smoothly. Your slides were super clean and effective. It was a pleasure going through it. Especially the visualizations were great. Keep up the good work and happy learning ahead!! :D

All the best for your future endeavors.

### Queries



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

Great job writing error-free SQL queries!



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.

All of your queries contains, several joins, good job!!



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

A really nice job using an aggregation in each of your SQL queries!



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

Awesome job done here.



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

Great job using a Window Function in your queries.



The SQL queries are well formatted and use aliases.

Well done in writing well-formatted queries.

### 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.

For each of your queries, the question that you have posted is perfect.



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

Great visualizations and also the insights are clear.



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

Great work providing clear labeling for each of your charts. Nice use of color combination.

 [DOWNLOAD PROJECT](#)

[RETURN TO PATH](#)