UDACITY

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Music SQL Database

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HISTORY

Meets Specifications

Hello Udacity Student,

This was a brilliant submission. The work was exceptional! You did a great job and should be proud of yourself. After reviewing this submission, I am impressed and satisfied with the effort and understanding put in to make this project a success. All the requirements have been met successfully 💯 %. Congratulations on making it through this project.👏 From the skills shown here, I encourage you to exploit your ability to keep learning new things, you will be amazed how great a problem solver you will become. This is a huge step towards a bright career and the Udacity team wishes you success in the projects ahead. All efforts are appreciated, please keep the learning flame burning. Have a nice wonderful day.

SQL Queries

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

Awesome!
Good job with the queries, they all run without any errors and produce the desired results as represented by the visualizations.✔️
Please refer to the code review for more details on this feedback.

Each SQL query needs to include one or more explicit join. 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.

Example:
SELECT *
FROM Album
JOIN Track on Track.AlbumID = Album.AlbumID

Good job using one or more explicit join in all the queries. This made the queries more readable. Nicely done!

Pro Tips

A simple hint on joins.

- **Explicit Join Notation**

```
SELECT *
FROM employee INNER JOIN department
  ON employee.DepartmentID = department.DepartmentID;
```

- **Implicit Join Notation**

```
SELECT *
FROM employee, department
WHERE employee.DepartmentID = department.DepartmentID;
```

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

Great job here!
All queries include one or more aggregations. You did really good with this. Good skills shown here, I appreciate that.

Pro Tips

Some of the most frequently used aggregations.

Aggregate Functions (Transact-SQL)

SQL Aggregate Functions	Description
AVG	It will calculate the Average of total records (or rows) selected by the SQL SELECT Statement
CHECKSUM_AGG	It is used to return the checksum of the values in a Group
COUNT	It will Count the number of records (or rows) selected by the SELECT Statement.
COUNT_BIG	It works same as the SQL COUNT function, but it returns the bigint
GROUPING	It is used to indicate whether the specified column in a GROUP BY Clause is aggregated or not
GROUPING_ID	It is used to return the level of grouping.
MAX	It returns the Maximum value from the total records (or rows) selected.
MIN	It returns the Minimum value from the total rows selected.
STDEV	It is used to calculate the Standard Deviation of the selected records ©tutorialgateway.org
STDEVP	It is used to calculate the Standard Deviation for population
SUM	It is used to calculate the total or Sum of records selected by the SELECT Statement
VAR	It will calculate the statistical Variance of selected records
VARP	It will calculate the statistical Variance for the population

The student has used at least 4 unique SQL queries in their submission.

Good work!
The submission provided 4 unique very interesting insights with the SQL queries with corresponding visualizations. 👍

Presentation

Each slide should have an appropriate title and the visualization descriptions should be free of significant factual, spelling and grammar mistakes.

Great presentation, the slides were all organized with detailed description of the visualizations. The slide titles were all clear and appropriate with no spelling and grammar mistakes.
Please refer to the annotation I have provided for in-depth details on this section.

Pro Tips

Top Ten Slide Tips

All visualizations should make logical sense and provide accurate information about the indicated area.

Great visualizations!
The visualizations are simple, clear and easy to understand and accurately match the results of the provided queries. The provided visualizations in this submission all make sense and provide accurate information about the indicated area.

Pro Tips

How to Choose the Right Chart or Graph for Your Data

All visualizations include a title and axis labels, have a legend where applicable, and are easily understood.

Every visualization should have

- chart title
- x axis title
- x axis labels
- y axis title
- y axis labels

Way to go!
All visualizations include a title and axis labels, have a legend where applicable, and are easily understood. 👍

Pro Tips

For more tips on how to effectively visualize data, visit the link below.
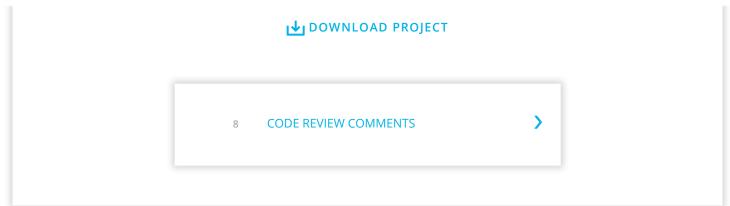25 Tips to Instantly Improve Your Data Visualization Design

Submission Phase

A PDF report has been uploaded and a .txt file with the queries has been uploaded in a single zipped folder file

Good job!
A PDF report and a .txt file with the queries were uploaded in a single zipped folder file. 👍

⤓ DOWNLOAD PROJECT

8	CODE REVIEW COMMENTS	›

RETURN TO PATH

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