UDACITY

‹ Return to "SQL Nanodegree Program" in the classroom

DISCUSS ON STUDENT HUB

Deforestation Exploration

REVIEW

CODE REVIEW

HISTORY

Meets Specifications

Here are some extra resources
• 24 rules on code formatting
• Formatting sql queries
• How to properly format sql code
• Have a look at this link to know more about how WHERE and HAVING are used and what are the differences.
• Have a look at this tutorial for more practice on Window Functions
• Have a look at this tutorial for more practice on Aggregations in SQL
• Have a look at this tutorial for more practice on Case Statements in different scenarios
• Please refer this link to know more about how to create effective visualizations

The project meets all specifications! Happy learning & Stay Udacious

Building A View

The create a forestation view query that the student writes prior to answering the questions joins all three tables on the columns indicated, and creates a new column by performing a calculation that compares two columns.

A CREATE statement has been written that results in creation of a View ✅

Basic SQL Queries

Each query is included in the Appendix and executes properly. A reviewer should be able to execute this same query and get the correct output.

All Queries written in the appendix execute properly 👏🏼

`SELECT` queries return results consistent with the question being asked.

SQL queries are written that make use of the SELECT keyword to return information from provided tables ✔

`WHERE` clauses used in `SELECT` statements filter tables according to the questions being asked

The SQL queries filter resulting tables correctly using the WHERE keyword 💯

`ORDER BY` clauses used in `SELECT` statements sort query results according to the questions being asked, and specify ASC for ascending or DESC for descending where appropriate

The SQL queries sort resulting tables perfectly using the ORDER BY keyword 👏🏼

`GROUP BY` clauses aggregate results by chosen categorical variables

The SQL queries have aggregated data using the GROUP BY keyword correctly! ✅

Queries make use of operators such as =, < and/or > to qualify `WHERE` clauses and `JOIN` statements, as well as conditions AND and OR to link conditional clauses.

The SQL queries contain BOOLEAN OPERATORS are they are correctly implemented to compare values in the tables 👍🏼

Windows Functions

Queries make use of Windows Functions such as SUM, COUNT, ROUND and/or ABS as needed to perform the appropriate calculation in order to answer the questions posed.

The queries correctly make use of the window functions, well done!

Join Command

Queries include the appropriate form of Join (Inner, Left, Right, Outer) clause to ensure that no necessary rows are left out.

The project contains properly formatted SQL Joins, great job! 👍🏽

Queries include Join clauses that match appropriate columns together using the ON command and the appropriate Boolean operator.

The project contains a JOIN that combines disparate tables together on one or multiple columns ✔

The student creates a query that joins a table to itself in order to compare values in two different rows.

The project uses a JOIN to perform row-level calculations on a single table like difference and percent difference 👏🏽

Case Command

The query the student writes for question 3(c) includes a `CASE` statement that addresses the question.

Perfectly done, SQL Queries with CASE statement return correct values based on specific conditions!

Report Formatting

All five elements of the rubric are present in the report.

1. GLOBAL SITUATION

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2. REGIONAL OUTLOOK
3. COUNTRY-LEVEL DETAIL
4. RECOMMENDATIONS
5. APPENDIX: SQL queries used

The project answers all questions posted under each of following: GLOBAL SITUATION, REGIONAL OUTLOOK, COUNTRY-LEVEL DETAIL and all the five elements of the rubric are present in the report. Great job! 😃

All queries captured in the Appendix follow SQL formatting guidelines, including those for indentation, capitalization.

SQL formatting for the Queries follows SQL formatting guidelines including those for indentation, capitalization 👍

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RETURN TO PATH

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