

< Return to Classroom

Deforestation Exploration

REVIEW		ANNOTATIONS ()	HISTORY
Meets Spe	ecifications		
Congratul	ationa II		
Congratul			
		orestation Exploration project, your efforts have paid off truly happy to see the results of all your learnings come to pla	ay in this project.
question 3C. Yo	u properly partitioned	s the logic you used in writing your queries, most especially the countries into their respective quartiles based on their iant recommendations. Keep this up 👍	
Suggestio	n		
Check this uniqu	ie way of coming up wi	th the solution for question 3c below	
SELECT FLOOR FROM forest		a/25) quartile, count(*)	
WHERE year=2			
	ent_forest_area IS try_name<>'World'	NOT NULL	
GROUP BY 1;			
	esources you might fin normalization	d useful for more insight and further learning.	
	view Questions	to crience professional (Ckill test Colution)	
 46 Question 	ons on SQL to test a da	ta science professional (Skill test Solution)	
Hope the knowl Keep up the gre		you learn throughout this course will help you in your caree	r.
Building A	View		
tal		view query that the student writes prior to answering the q dicated, and creates a new column by performing a calculat	
	eat job! You have appli	ed the concept of CREATE by joining the existing tables and cre gle source of truth throughout the rest of the project.	eating a single view. This
	eat job! You have appli I now serve as your sin		eating a single view. This
wil	eat job! You have appli I now serve as your sin	gle source of truth throughout the rest of the project. Alcrosoft Documentation For more info on creating views.	eating a single view. This
wil	eat job! You have appli I now serve as your sin • You could refer to 1 E FOLLOWING A SOME OF • As a security mecha	gle source of truth throughout the rest of the project. Alcrosoft Documentation For more info on creating views.	



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.

Awesome work with creating a window function. Window functions are tricky and knowing the appropriate use case for them is the hardest part. They are very similar to using aggregate functions but retain the number of rows in the output.

TIPS

A window function is, simply put, a function that performs calculations across a set of table rows. The name comes from the fact that the set of rows is called a window or window frame.

Join Command



Case Command

Really impressive! CASE WHEN is an advanced SQL topic. It's typically used when creating a column based on an existing column's value. Great work mastering this advanced topic!

TIPS

The CASE statement is SQL's way of handling if/then logic. The CASE statement is followed by at least one pair of WHEN and THEN statements—SQL's equivalent of IF/THEN in Excel.

REFER TO THE BELOW TO LEARN MORE ABOUT THE CASE STATEMENT

The SQL CASE statement

Report Formatting

~	All five elements of the rubric are present in the report.	
	1. GLOBAL SITUATION	
	2. REGIONAL OUTLOOK	
	3. COUNTRY-LEVEL DETAIL	
	4. RECOMMENDATIONS	
	5. APPENDIX: SQL queries used	
	Wonderful work! You have completed all parts of the project, covering basic and advanced SQL concepts.	
	THE FOLLOWING ARE ALL INCLUDED IN THE REPORT	
	GLOBAL SITUATION FREGIONAL OUTLOOK	
	COUNTRY-LEVEL DETAIL	
	RECOMMENDATIONS	
	• APPENDIX: SQL queries used 🗹	
~	 All queries captured in the Appendix follow SQL formatting guidelines, including those for indentation, capitalization. All queries are properly formatted using best practices syntax All queries run without errors 	
	It is also good practice that you properly format your code with an appropriate capitalization of the SQL clauses (SELECT, FROM, WHERE, CASE, JOIN, GROUP BY, etc), and proper indentations.	
	In DOWNLOAD PROJECT	
		Rate this revie