Using JOINs in SQL (BigQuery)





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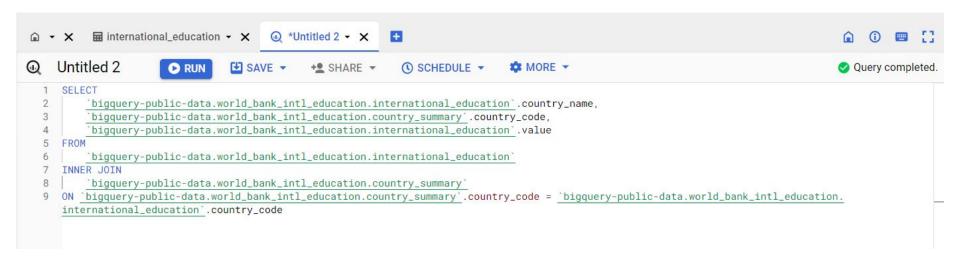
INTRODUCTION

For this data analysis project, I will be working with the International Education public dataset available in BigQuery. The dataset includes multiple tables, including the international education table and the country summary table. Both of these tables contain the column "country code", according to the datasets schema.

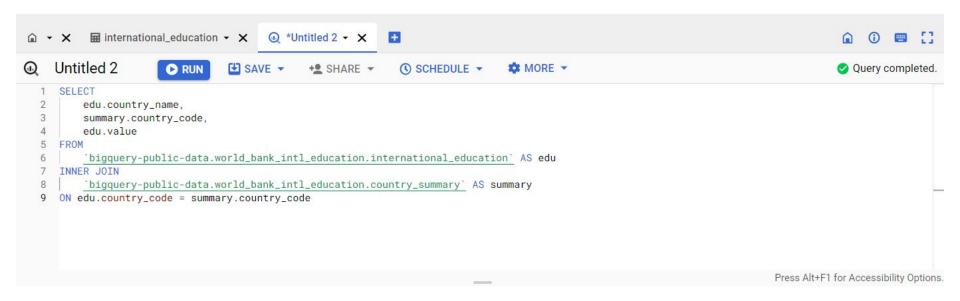


To combine the data from these tables based on the shared "country_code" column, I will be utilizing the INNER JOIN clause in my query. This allows me to merge the relevant information from both tables and gain comprehensive insights for analysis.

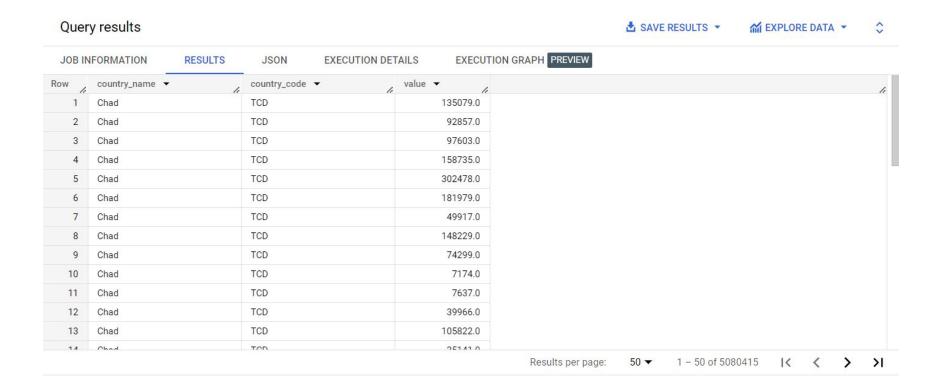
This was my initial query...



Because that query was too long and a bit hard to work with, I decided to use an alias for each table instead..



Here are the results of my query..

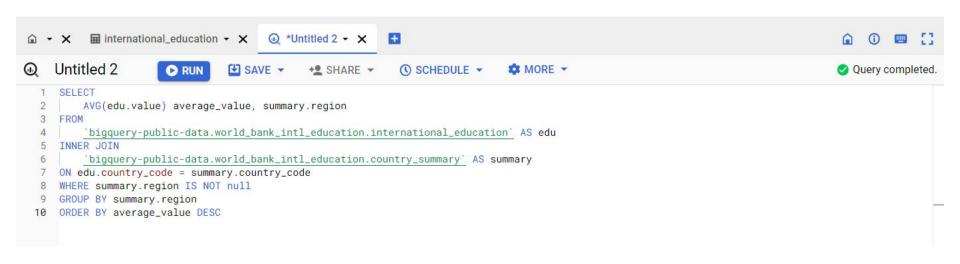


DATA QUESTION

What is the average amount of money spent per region on education?



I was able to answer the data question using this query...



These were the results...



An alias was also set to give the AVG(edu.value) a more descriptive name for the temporary table the query returned.

The WHERE statement also excluded any rows with null information.

CONCLUSION

In conclusion, the project aimed to determine the average amount of money spent per region on education. By employing aliases and excluding null values, valuable insights into regional spending patterns were obtained. The results contribute to a better understanding of education expenditures and showcase the effectiveness of the analysis techniques employed.

