Education for All Case Study

An SQL capstone project work at 10Alytics



Our Objective

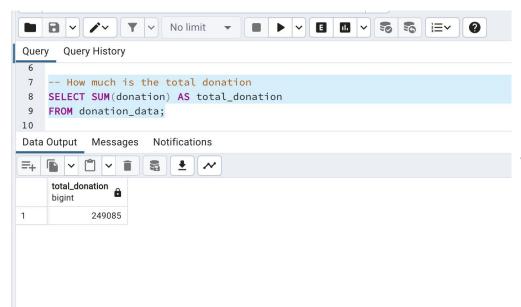
- 1. Increase the number of donors in our database
- 2. Increase the frequency of donation by donors
- 3. Increase the value of donation in our database

Our Approach

After connecting to our database, we were able to run queries to answer a few business question and as a result, recommend solution to meet the business objectives listed in the previous slides

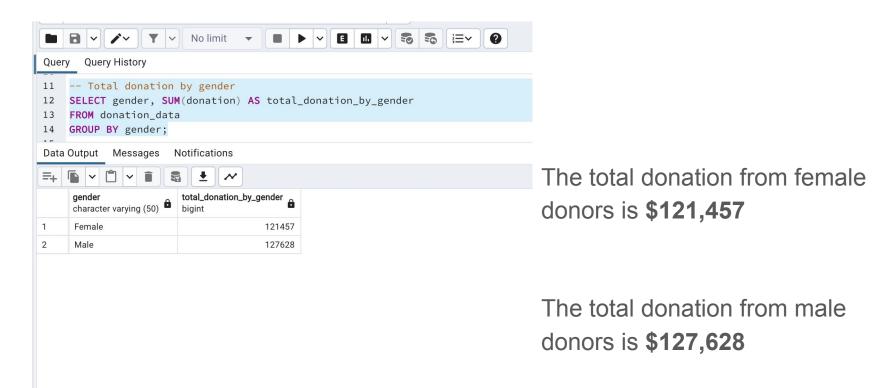
I performed queries including, JOIN, ORDER BY, WHERE, GROUP BY etc to create different tables with information needed to make a good business decision

How much is the total donation?



The total donation in our database is **\$249085**

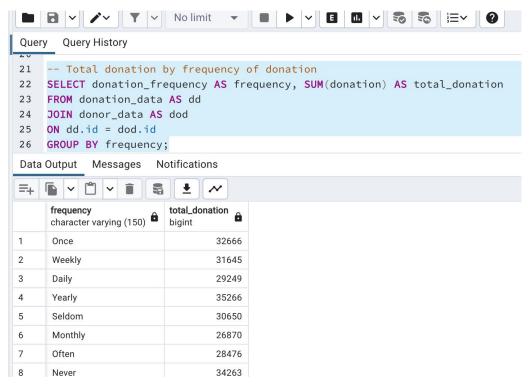
What is the total donation by gender?



Show the total donation and number of donations by gender

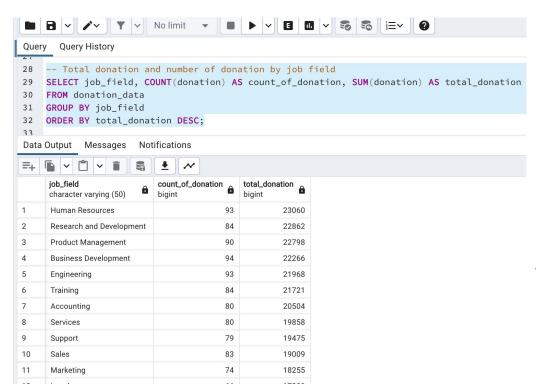


Total donation made by frequency of donation



One time donors either **yearly**, **once** or **never** donate actually do the most as they have the higher figures compared to the monthly, daily and weekly donors.

Total donation and number of donation by Job field



Professionals in HR, R&D,

Product Management and

Business Development are the top donors during the period in review

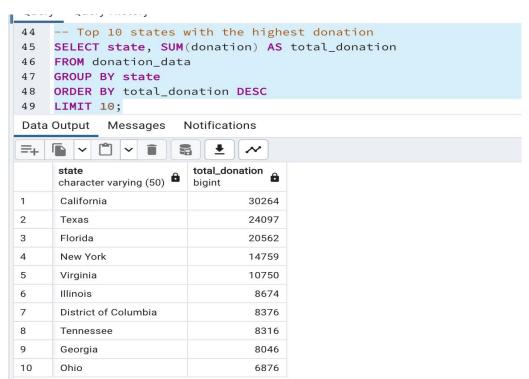
Total donation and number of donations above \$200



Total donation and number of donations below \$200

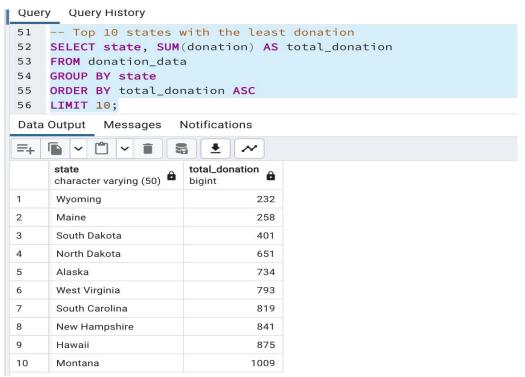


Which top 10 states contributes the highest donations



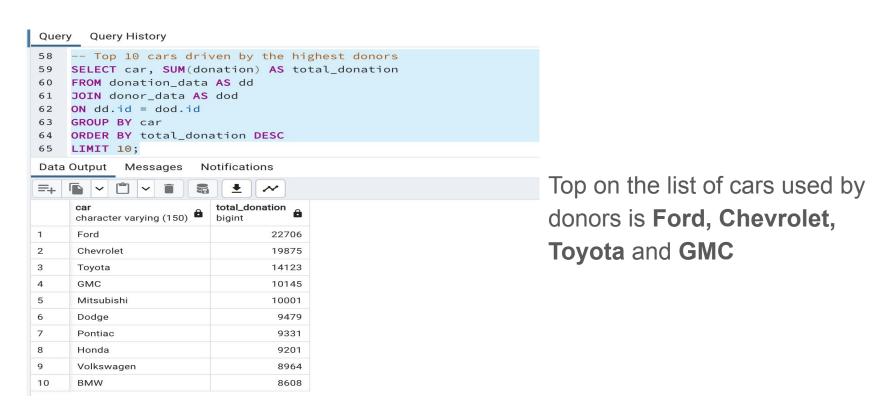
The highest donation came in from California, Texas and Florida followed by New York and Virginia

Which top 10 states contributes the least donations



The least donations came in from Wyoming, Maine and Dakota States

What are the top 10 cars driven by the highest donors



Insights and Recommendation

My analysis shows that more than 70% of the total donation were made by people who donated above \$200. Most of which were yearly donors, one time donors and never donated before. There are mostly from California, Texas and also HR & Research and Development professionals.

To increase the donations and donors, I would recommend that Education for All initiates an annual donation event in the above locations and call on professionals in the listed occupations types (They probably have first-hand knowledge of the impact of quality education) to give just once and hopefully a lump sum of above \$200 would be donation to cover the whole year

THANK YOU