#### **Marketing Campaign Project**

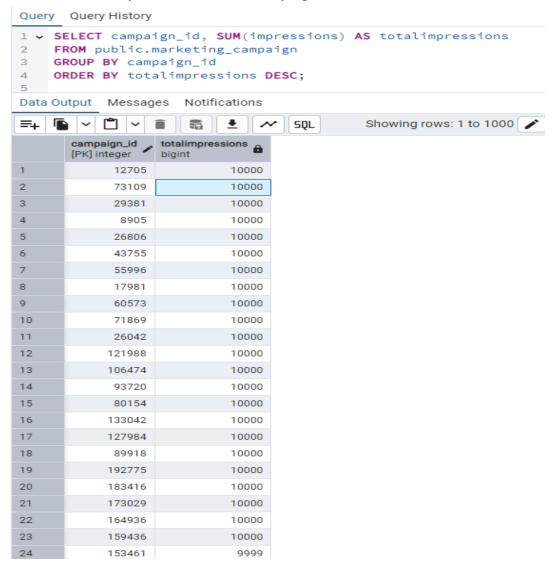
#### Objective:

Analyze the **Marketing Campaign Dataset** to extract actionable insights for campaign performance, focusing on impressions, ROI, locations, engagement, CTR, cost-effectiveness, and channel performance.

#### **Analysis:**

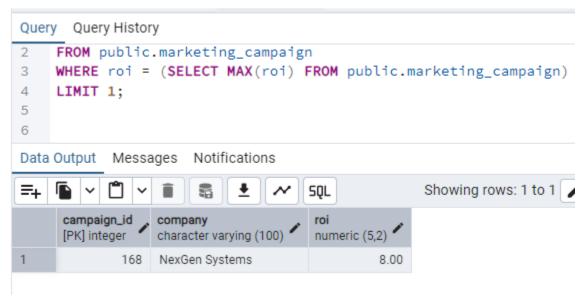
We are going to make use of SQL. SQL is a robust language for accessing and manipulating databases. In this specific case, we will make use of PostgreSQL as our relational database management system. When importing the CSV, make sure your columns in the table align with the columns in the data type. Take note of the dollar sign and comma in acquisition\_cost. I opted to turn the Date column to text first, then converted it to date type later after importing.

#### 1. Total Impressions for Each Campaign



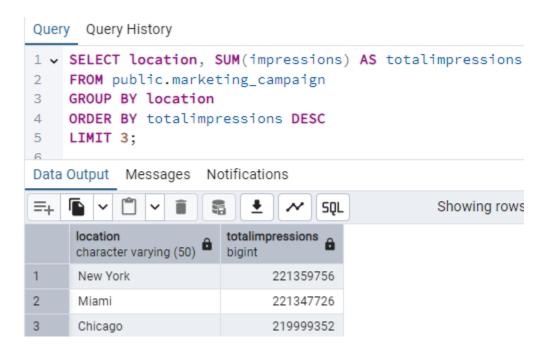
• The top 23 campaigns had a total of 10,000 impressions.

# 2. Campaign with Highest ROI



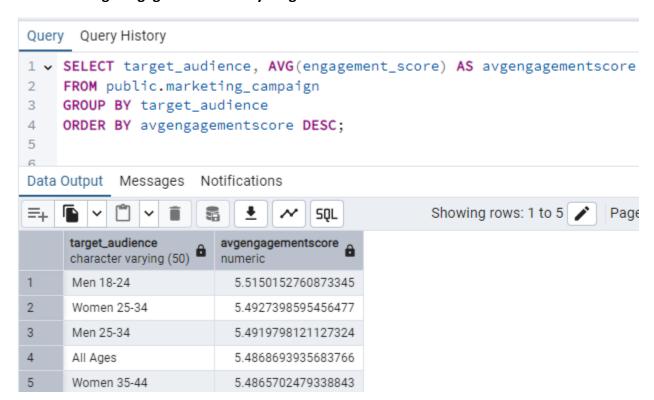
• About 160 campaigns had an ROI of 8 but will use LIMIT to just get 1

# 3. Top 3 Locations with Most Impressions



• New York, Miami, and Chicago had the highest impressions, highlighting key geographic markets.

#### 4. Average Engagement Score by Target Audience



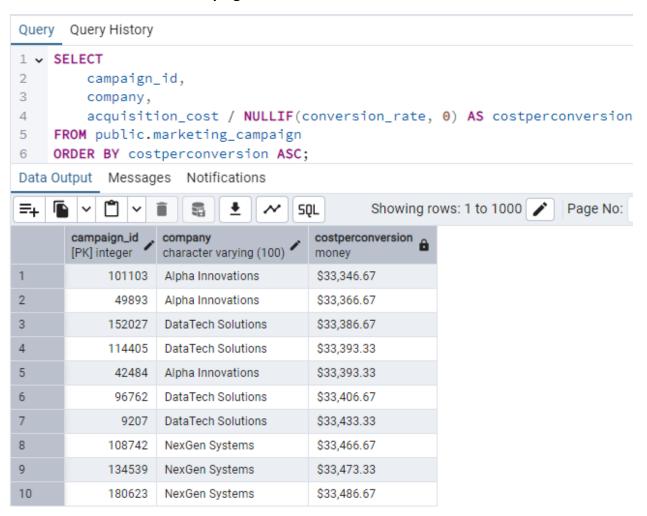
• Men 18-24 had the highest average engagement score although the others are trailing pretty close behind.

# 5. Overall CTR (Click-Through Rate)



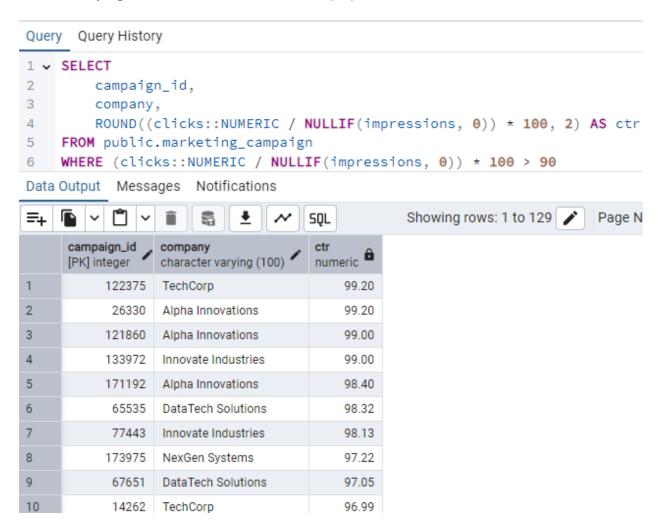
• The overall Click Through Rate was found to be 9.98.

## 6. Most Cost-Effective Campaign



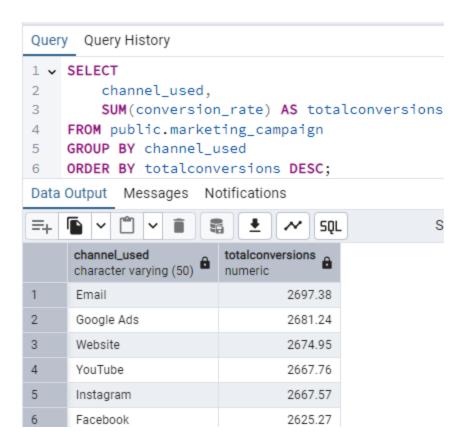
• Here are the top 10 companies that were the most cost-effective.

# 7. Campaigns with CTR above a threshold (90)



"Alpha Innovations" seemed to be doing really well in this metric.

## 8. Rank Channels by Total Conversions



• Email had the most conversions while Facebook had the least.

## **Recommendations:**

- Have more campaigns in New York, Miami and Chicago.
- Customize campaigns for different audiences to get more variance in engagements.
- Drop campaigns that are the least cost-effective.