NAME: IBUKUN TEMITOPE

TOPIC: REPORT FINDINGS FROM THE FUNDRAISING DATABASE: EDUCATION FOR ALL.

a) The diagram below shows the amount of the total donation the charity received.

Query Editor

```
1  SELECT SUM (donation) AS Total_donation
2  FROM donation_data
```

Messages

```
Successfully run. Total query runtime: 128 msec.
1 rows affected.
```

Explain | Query History | Notifications | Data Output

	total_donation bigint
1	249085

b) The diagram below shows the amount of the total donation received by gender.

Query Editor

```
1  SELECT gender, SUM (donation) AS total_donation
2  FROM donation_data
3  GROUP BY gender;
4
5
```

Messages

```
Successfully run. Total query runtime: 127 msec.
2 rows affected.
```

Explain | Query History | Notifications | Data Output

	gender character varying (50)	total_donation bigint
1	Female	121457
2	Male	127628

c) Total donation and number of donation by gender

Query Editor

```
SELECT gender, SUM(donation) AS Total_donation, COUNT (donation) As Donation_count
FROM donation_data
GROUP BY gender;
```

Messages

```
Successfully run. Total query runtime: 124 msec.
2 rows affected.
```

Explain | Query History | Notifications | Data Output

	gender character varying (50)	total_donation bigint	donation_count bigint
1	Female	121457	508
2	Male	127628	492

d) Total donation made by frequency of donation

Query Editor

```
SELECT  DISTINCT (donation_frequency), SUM (donation) AS Total_donation
FROM
donor_data JOIN donation_data
ON donation_data.id = donor_data.id
GROUP BY donation_frequency
```

Data Output

	donation_frequency character varying (100)	total_donation bigint
1	Daily	29249
2	Monthly	26870
3	Never	34263
4	Often	28476
5	Once	32666
6	Seldom	30650
7	Weekly	31645
8	Yearly	35266

e) Total donation and number of donations by Job field

Query Editor

```
SELECT job_field, SUM(donation) AS Total_donations_jobfield, COUNT (donation) AS donation_count
FROM donation_data
GROUP BY job_field;
```

Data Output

	job_field character varying (50)	total_donations_jobfield bigint	donation_count bigint
1	Marketing	18255	74
2	Training	21721	84
3	Product Management	22798	90
4	Research and Development	22862	84
5	Business Development	22266	94
6	Sales	19009	83
7	Support	19475	79
8	Legal	17309	66
9	Accounting	20504	80
10	Services	19858	80
11	Human Resources	23060	93
12	Engineering	21968	93

f) Total donation and number of donations above $200

Query Editor

```
SELECT SUM (donation) AS Sum_Of_donation200 , COUNT (donation) AS above_countsof200
FROM donation_data
WHERE donation >200;
```

Data Output

	sum_of_donation200 bigint	above_countsof200 bigint
1	205892	586

g) Total donation and number of donations below $200

Query Editor

```
SELECT SUM (donation) AS Sum_Of_donationB200 , COUNT (donation) AS below_countsof200
FROM donation_data
WHERE donation <200
```

Data Output

	sum_of_donationb200 bigint	below_countsof200 bigint
1	42593	411

h) Top 10 states that contributes the highest donation.

Query Editor

```
SELECT state, MAX (donation)
FROM donation_data
GROUP BY state
LIMIT 10
```

Data Output

	state character varying (50)	max integer
1	Oklahoma	418
2	North Carolina	423
3	Colorado	459
4	Mississippi	482
5	Florida	492
6	Delaware	499
7	Nevada	491
8	Louisiana	493
9	New York	500
10	West Virginia	184

i) Least 10 states that contributes the least donation

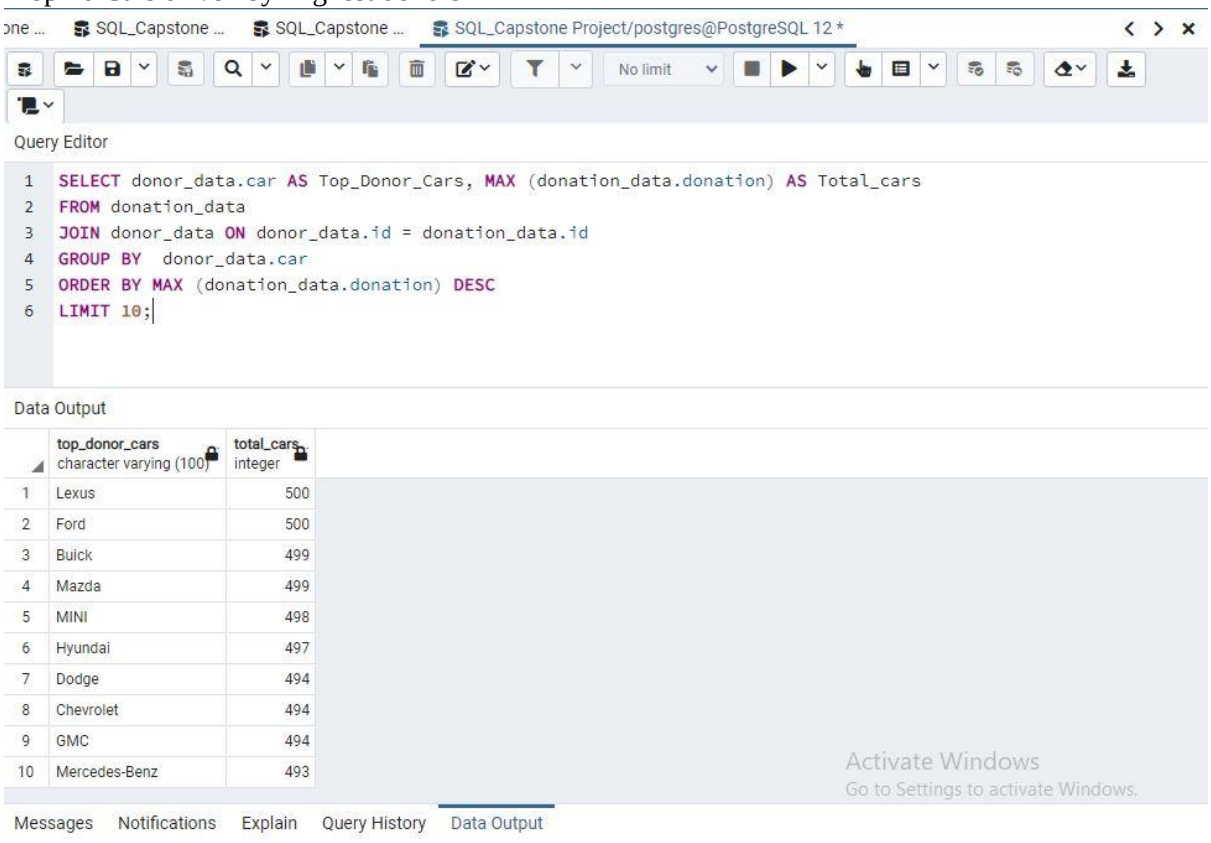
Query Editor

```
SELECT state, MIN (donation)
FROM donation_data
GROUP BY state
ORDER BY MIN(donation) ASC
LIMIT 10
```

Data Output

	state character varying (50)	min integer
1	Alabama	5
2	Oklahoma	5
3	Colorado	6
4	California	6
5	North Carolina	6
6	Missouri	6
7	Florida	7
8	Ohio	7
9	Texas	7
10	Tennessee	9

j) Top 10 Cars driven by Highest donors



RECOMMEDATIONS

1) **Recommendation To Increase the Number of Donors**:

According to Peter Singer's column in the U.S. on Trump Unethical Aid Cuts, ***most people believe it is the responsibility the government to take care of charity***. Therefore, ***detailed and intriguing information should be generated and passed across to the masses about the roles of charity in the community***. Including, data of how our charity organisation have bridged that gap and supported people with the previous funds that was retrieved from people that have supported in the past.

2) Increase The Donation Frequency Of Donors

From this data, it is observed that majority of donors frequently pay annually and as a result may cause delay in fulfilling plans of the charity programmes. ***Therefore, stake-holders or donors should be encouraged and be aware of the effects of delaying programmes due to funds. And should be persuaded to pay more frequency especially job field that pay more frequently like Marketing, Sales, Services etc.***

3) Increase The value of donations

Having done 1&2 above, it will apparently increase the value of donations. Therefore, States that have the least contribution to our charity should be encouraged while we try to observe if there is a correlation between their beliefs and tradition towards charitable and society as a whole.