select \*

from donation\_data;

select \*

from donor\_data;

--Total Fund Donated

select sum(donation) as Total\_Fund

from donation\_data;

--Total donation and Number of donation by gender

select gender, sum(donation), count(donation)

from donation\_data

Group by gender;

--Total donation bt state

--Top 10 states with least amount of donation

select state, sum(donation)

from donation\_data

group by state

order by sum(donation)asc

Limit 10;

--Top 10 states with the highest amount of donation

select state, sum(donation)

from donation\_data

group by state

order by sum(donation)desc

limit 10;

--Total donation by frequency of donation

select sum(donation\_data.donation),donor\_data.donation\_frequency

from donation\_data

join donor\_data

on donation\_data.ID = donor\_data.ID

Group by donation\_frequency;

--Total donation by job field

select job\_field, sum(donation), count(donation)

from donation\_data

group by job\_field;

--Group of donation according to amount

-- sum and count of donations greater than $200

select sum(donation), count(donation)

from donation\_data

where donation >200;

select sum(donation), count(donation)

from donation\_data

where donation =200;

select sum(donation), count(donation)

from donation\_data

where donation <200;

--donation by donors' car type

select donor\_data.car, sum(donation\_data.donation)

from donation\_data

join donor\_data

on donation\_data.ID = donor\_data.ID

group by donor\_data.car

order by sum(donation\_data.donation)desc

limit 10;

--donors who speak a second language according to donation frequency

select donor\_data.donation\_frequency,count(donor\_data.second\_language), sum(donation\_data.donation)

from donation\_data

join donor\_data

on donation\_data.ID = donor\_data.ID

group by donor\_data.donation\_frequency

order by count(donor\_data.second\_language)desc;