PROJECT ON-

Explorin Academy Trends in Startups

Database:

TrendsInStartups_Explorin

Hand On Platform:

https://dumbmatter.com/csv-sql-live/

NAME-DIYA RANA SUBMITTED TO- PRASHANT JINDAL

MBA 1ST SEMESTER

ROLL NO. 242014063

Explorin Academy Trends in Startups

Problem: To analyze a dataset of startup companies using SQL queries, exploring various metrics to understand trends in the startup ecosystem.

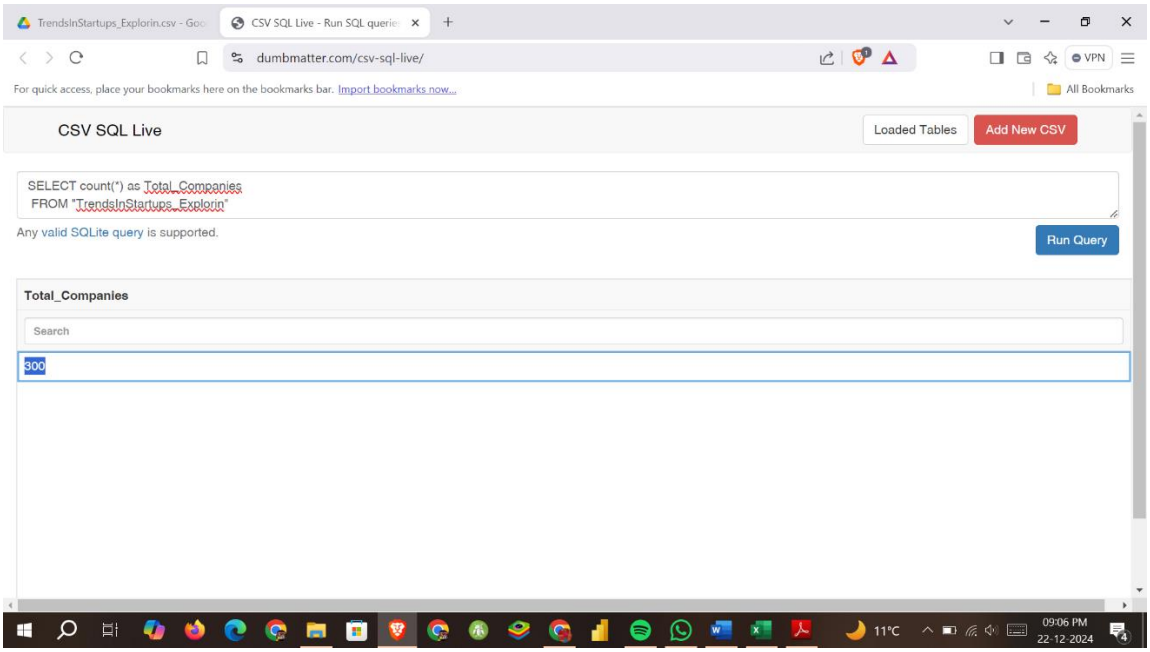
Database: TrendsInStartups_Explorin.csv

Task:

1 .Calculate the total number of companies in the dataset.

```
SELECT count(*) as TOTAL_COMPANIES
 FROM "TrendsInStartups_Explorin"
```

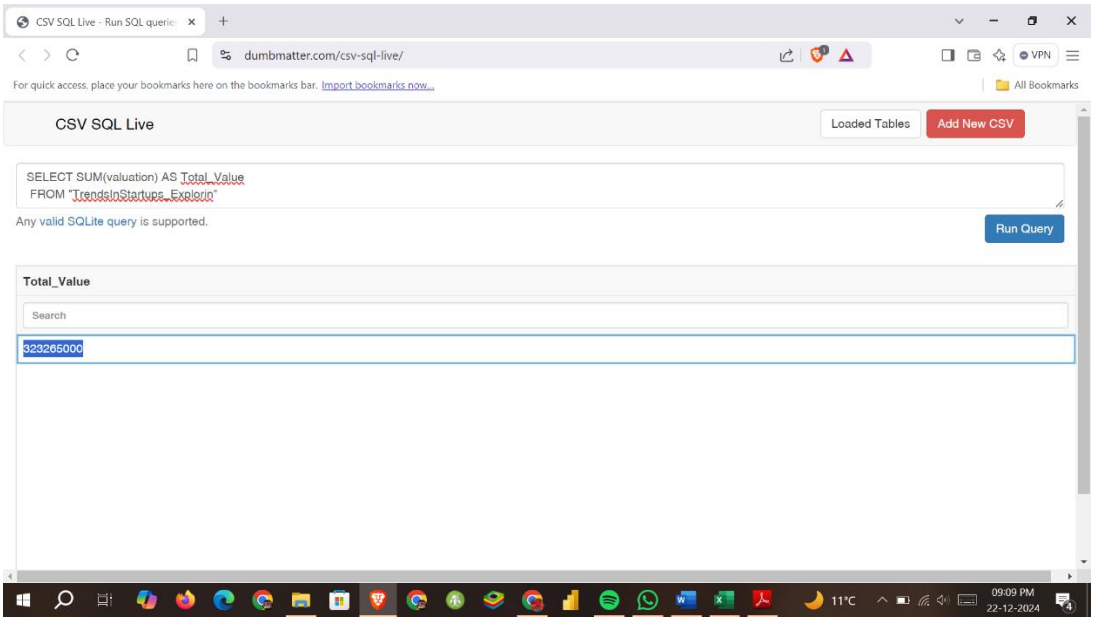
OUTPUT= 300



2 .Determine the total value of all companies in the dataset.

```
SELECT SUM(VALUATION)
 FROM "TrendsInStartups_Explorin"
```

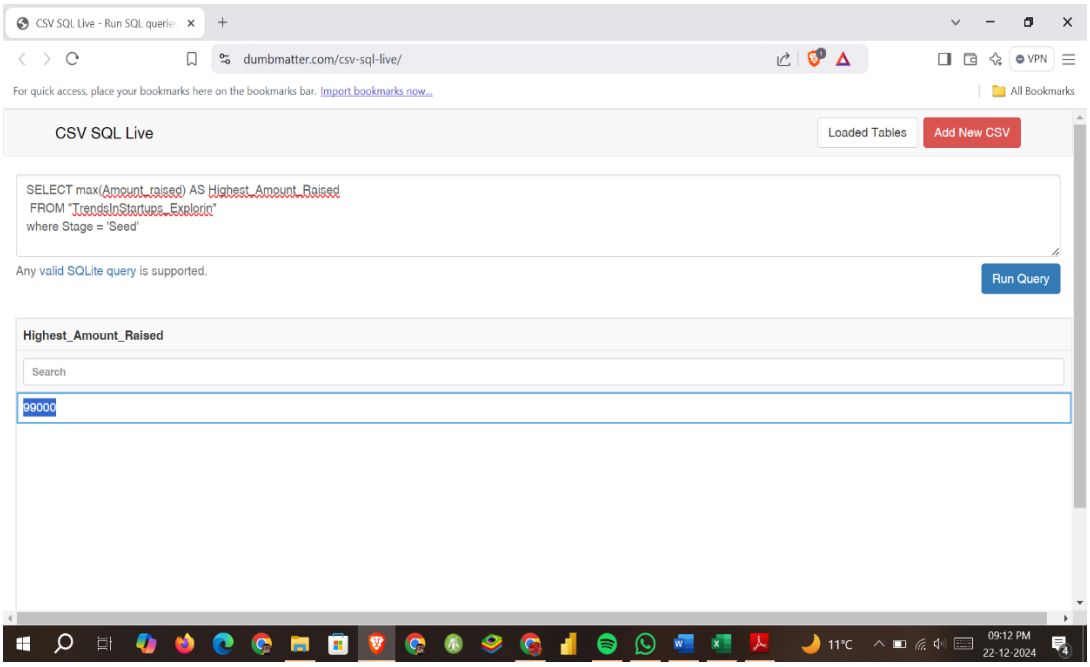
OUTPUT=323265000



3 .Find the highest amount raised by a startup at the 'Seed' stage.

```
SELECT MAX(Amount_raised) AS highest_amount_raised
 FROM "TrendsInStartups_Explorin"
WHERE Stage = 'Seed'
```

OUTPUT = 99000

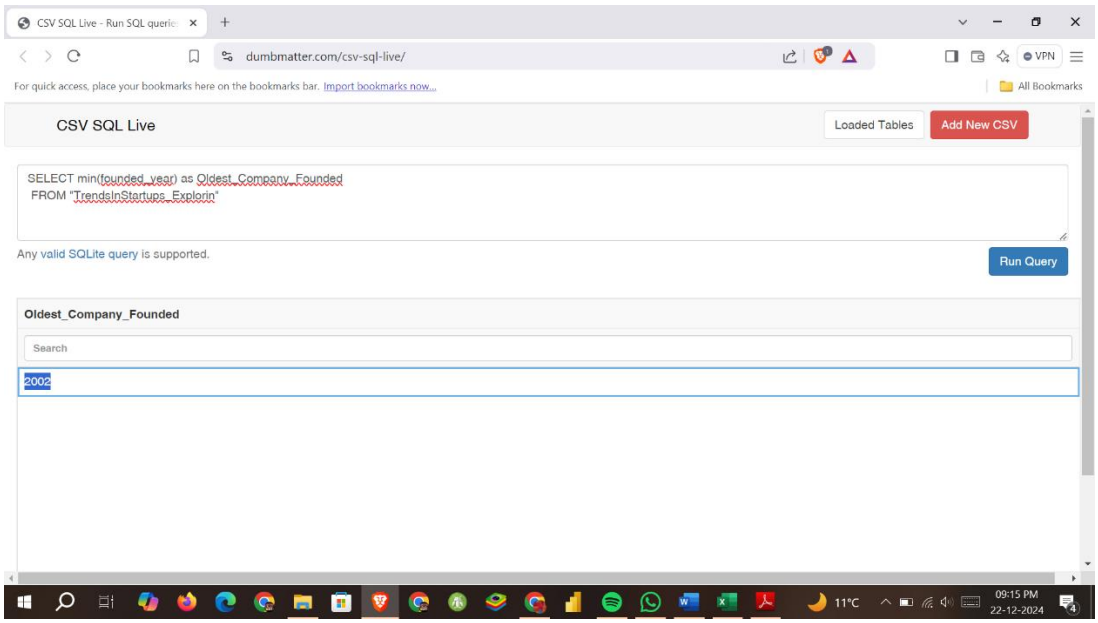


4 .Identify the year when the oldest company on the list was founded.

SELECT MIN(founded_year) as oldest_company_founded

FROM "TrendsInStartups_Explorin"

OUTPUT = 2002

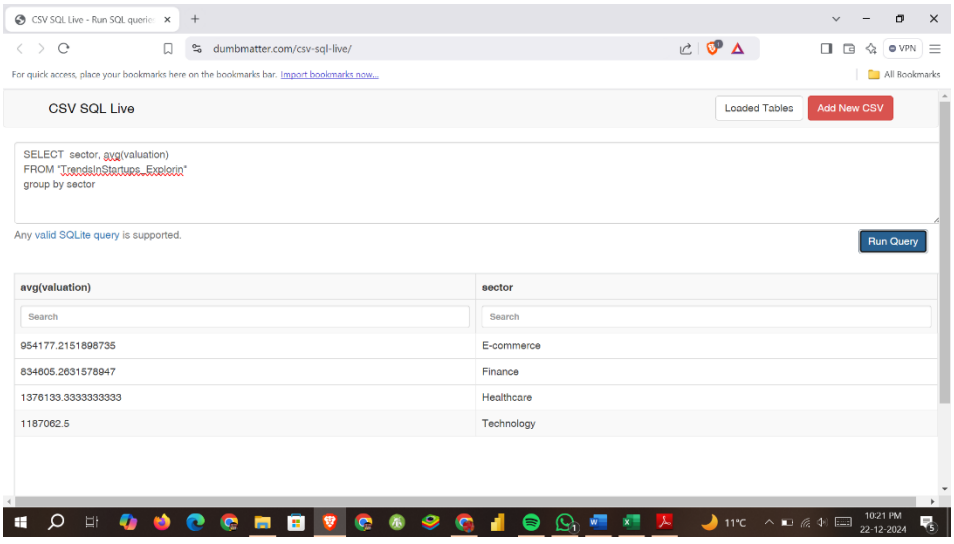


5 .Calculate the average valuation within each startup category.

SELECT avg(valuation) ,sector

FROM "TrendsInStartups_Explorin"

group by sector

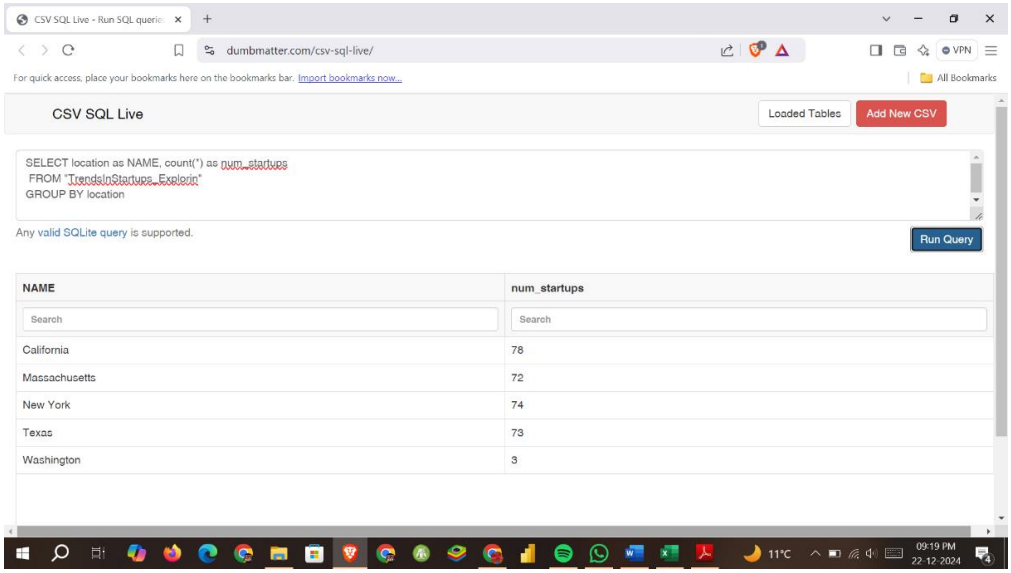


6 .Determine the top locations with the highest number of startups.

SELECT location as NAME, count(location) as num_startups

FROM "TrendsInStartups_Explorin"

Group by location



7 .Calculate the average size of startups in each location where the average size exceeds 500.

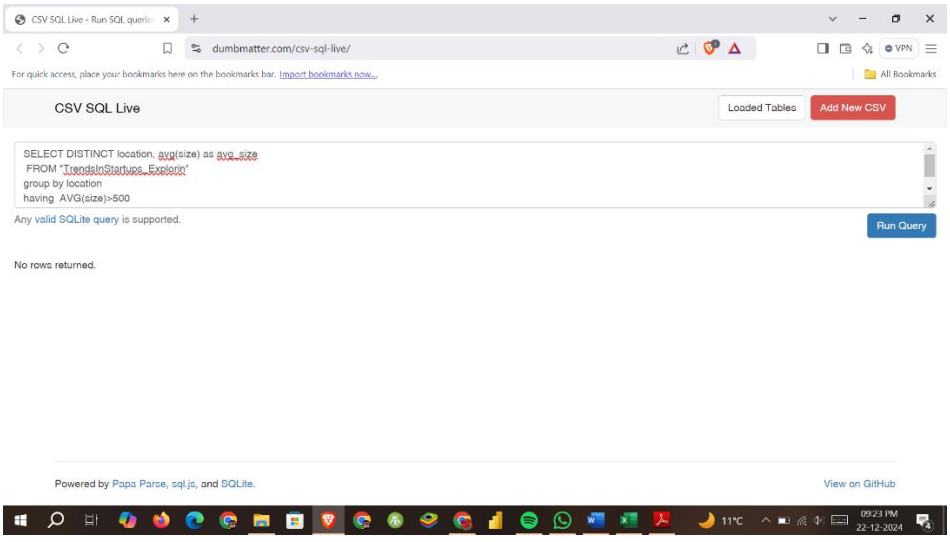
SELECT DISTINCT location, avg(size) as avg_size

FROM "TrendsInStartups_Explorin"

group by location

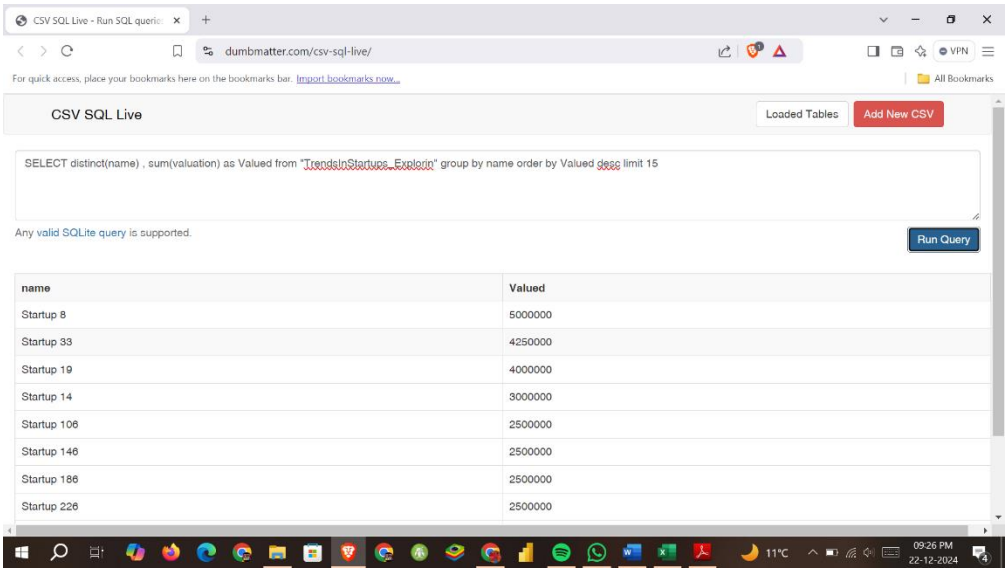
having AVG(size) > 500

output = null



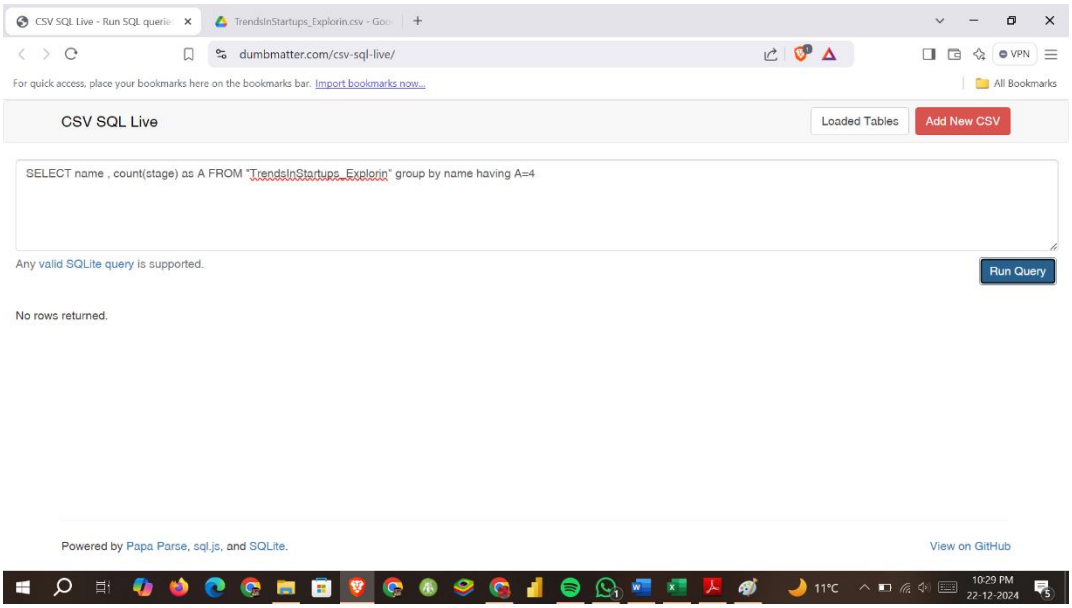
8. Find the top 5% of startups with the highest valuations

SELECT distinct(name) , sum(valuation) as Valued from "TrendsInStartups_Explorin" group by name order by Valued desc limit 15



9.Identify startups that have raised funding in every stage (Seed, Series A, Series B, etc.).

SELECT name , count(stage) as A FROM "TrendsInStartups_Explorin" group by name having A=4



10. Calculate the percentage growth in valuation from Seed stage to Series A for each startup.

SELECT s1.name, ((max(s1.valuation) - min(s2.valuation)) * 100.0 / min(s2.valuation)) as growth_percentage from "TrendsInStartups_Explorin.csv 3" as s1 join "TrendsInStartups_Explorin.csv 3" as s2 on s1.name=s2.name where s1.stage = 'Seed' and s2.stage = 'Series A' group by s1.name

name	growth_percentage
Search	Search
Startup 1	-64.28571428571429
Startup 2	-76.66666666666667
Startup 4	-88
Startup 6	-43.75
Startup 7	-92
Startup 9	-50