DPP-4

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**Class : Mba 1st year**

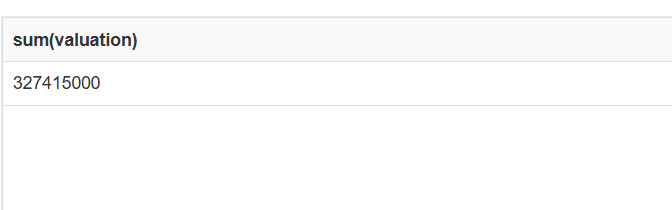
1. Calculate the total number of companies in the dataset.

Query : SELECT count(name) FROM TrendsInStartups\_Explorin



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

Query : SELECT sum(valuation) FROM TrendsInStartups\_Explorin



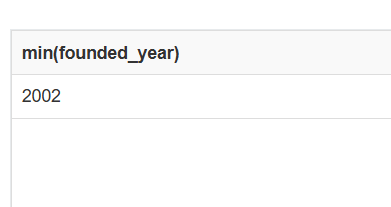
3. Find the highest amount raised by a startup at the 'Seed' stage.

Query : SELECT Max(amount\_raised) FROM TrendsInStartups\_Explorin where stage = "Seed"



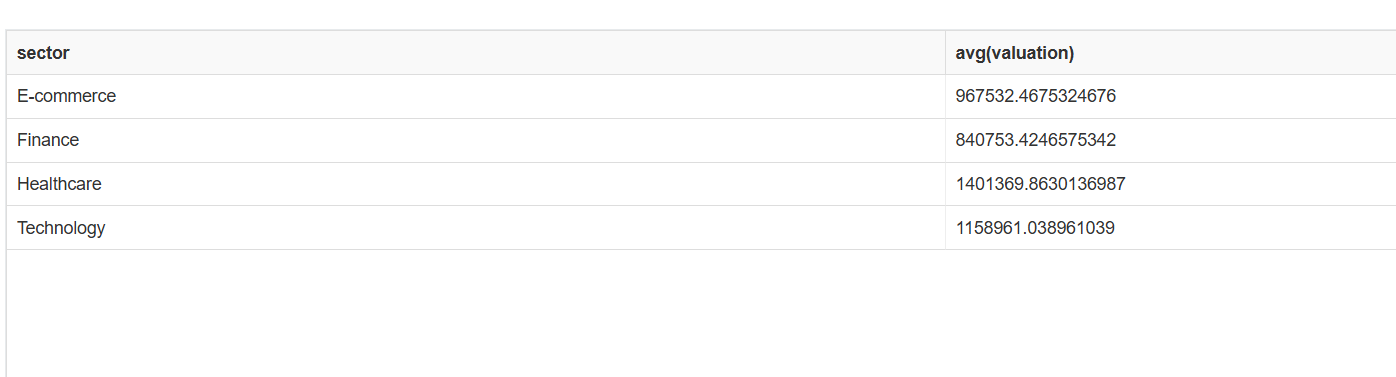
1. Identify the year when the oldest company on the list was founded.

Query : SELECT min(founded\_year) FROM TrendsInStartups\_Explorin



5. Calculate the average valuation within each startup category.

Query : SELECT distinct(sector) , avg(valuation) FROM TrendsInStartups\_Explorin group by sector



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

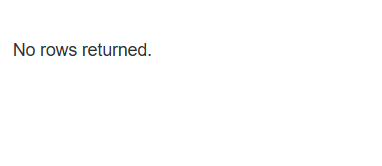
Query : SELECT distinct(location) , max(size) FROM TrendsInStartups\_Explorin group by location;



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

exceeds 500.

Query : SELECT distinct(location) , avg (size ) FROM TrendsInStartups\_Explorin group by location having avg(size)>500



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

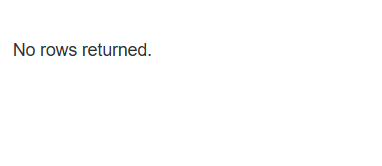
Query: SELECT distinct(name) , sum(valuation) as Valued from TrendsInStartups\_Explorin group by name order by Valued desc limit 15



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

B, etc.).

Query: 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.

Query : SELECT

s.name AS StartupName,

s.valuation AS SeedValuation,

a.valuation AS SeriesAValuation,

((a.valuation - s.valuation) \* 100 / s.valuation) AS PercentageGrowth

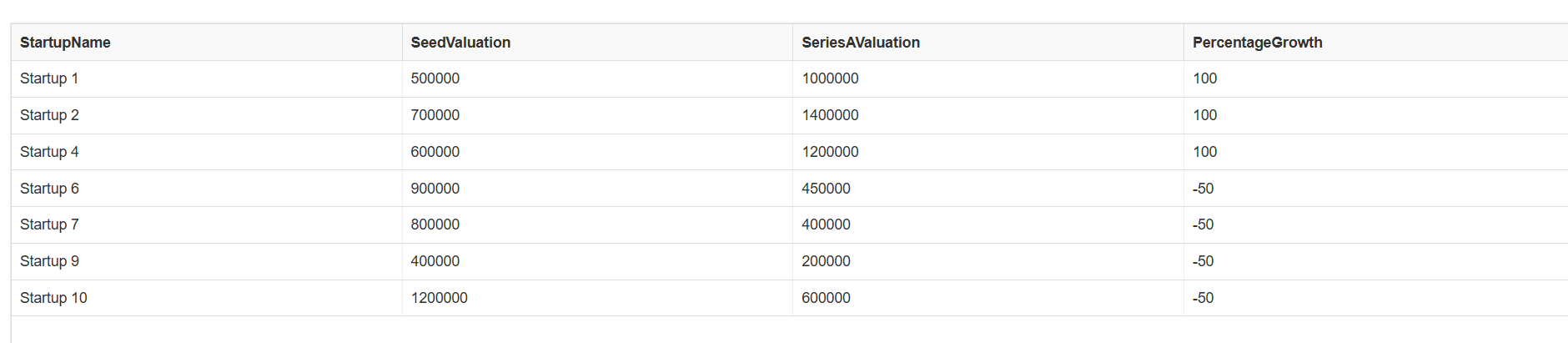
FROM

(SELECT name, valuation FROM TrendsInStartups\_Explorin WHERE stage = 'Seed') s

JOIN

(SELECT name, valuation FROM TrendsInStartups\_Explorin WHERE stage = 'Series A') a

ON s.name = a.name;



SELECT name , count(stage) as A FROM "TrendsInStartups\_Explorin" group by name having A=4;