Unicorns side project

Project is about private companies with valuation over $1 billion as of March 2022, including each company’s current valuation, funding, country of origin, industry, select investors, and the years founded and became unicorns.

Questions and Code:

1.Number of companies in different industries, grouped by industry and ordered by the number.

select top 10

Industry, count(Company) as number\_of\_unicorns

from unicorn3

group by Industry

order by number\_of\_unicorns desc

Obraz zawierający stół

Opis wygenerowany automatycznie

2. How long does it usually take for a company to become a unicorn?

--First CTE

with

cte1

as

(

select \*, (Date\_Joined) - (Year\_Founded) as time\_till\_becoming\_an\_unicorn

from unicorn3

)

--Final Quary

select round(avg(time\_till\_becoming\_an\_unicorn), 2) as average\_time\_till\_becoming\_unicorn

from cte1

Obraz zawierający stół

Opis wygenerowany automatycznie

3. Which 10 unicorns have had the biggest return on investment and how many years it took them to become one?

select top 10 Company, Valuation, Industry, Year\_Founded, Funding, round(((Valuation - Funding)/(Funding))\*100, 2) as return\_on\_investment, (Date\_Joined) - (Year\_Founded) as time\_till\_becoming\_an\_unicorn

from unicorn3

order by return\_on\_investment DESC;

Obraz zawierający stół

Opis wygenerowany automatycznie

4.Top 10 Companies that became unicorns the slowest

select top 10

Company, Industry, (Date\_Joined) - (Year\_Founded) as time\_till\_becoming\_an\_unicorn, Date\_Joined, Year\_Founded

from unicorn3

where Year\_Founded <= Date\_Joined

order by time\_till\_becoming\_an\_unicorn desc;

Obraz zawierający stół

Opis wygenerowany automatycznie

5.Number of Companies established between 1990 – 2021

--First CTE

with

cte1

as

(

select \*,

case

when Year\_Founded >= 1990 and Year\_Founded < 1995 then '1990-1995'

when Year\_Founded >= 1995 and Year\_Founded < 2000 then '1995-2000'

when Year\_Founded >= 2000 and Year\_Founded < 2005 then '2000-2005'

when Year\_Founded >= 2005 and Year\_Founded < 2010 then '2005-2010'

when Year\_Founded >= 2010 and Year\_Founded < 2015 then '2010-2015'

when Year\_Founded >= 2015 and Year\_Founded < 2020 then '2015-2020'

when Year\_Founded >= 2020 and Year\_Founded <= 2021 then '2020-2021'

else Null end as 'Decade\_of\_Establishment'

from unicorn3

where Year\_Founded > 1984

)

--3 records have been not icluded because i found them not usefull

--Final Query

select c1.Decade\_of\_Establishment, count(c1.Company) as number\_of\_unicorns

from cte1 as c1

group by c1.Decade\_of\_Establishment

order by number\_of\_unicorns desc

Obraz zawierający stół

Opis wygenerowany automatycznie

6. The list of top 10 places where companies which became unicorns were established.

select top 10

Continent, Country, City, count(Company) as number\_of\_unicors

from unicorn3

group by Continent, Country, City

order by number\_of\_unicors desc

Obraz zawierający stół

Opis wygenerowany automatycznie