#. PostgreSQL Projects With Some Basic and Medium Query on Unicorn Companies.

```
SELECT * FROM Students;
SELECT * FROM Sales;
SELECT * FROM dates;
SELECT * FROM Product_Emissions;
SELECT * FROM funding;
SELECT * FROM industreies;
SELECT * FROM Companies;
```

--(1.) COUNT Total Number of Companies.

```
SELECT COUNT('Company')
FROM Companies;
```

--(2.) Get Company, Country Via Belong to Continent: Europe.

```
SELECT company_id
, Company
, Country
, Continent
FROM Companies
WHERE Continent='Europe'
ORDER BY Company_id;
```

--(3.) Top 10's Company From Asia Where Country is India.

```
SELECT Company_id
, Company
, Country
, Continent
FROM Companies
WHERE Country='India' AND Continent='Asia'
ORDER BY Company_id
LIMIT 10;
```

--(4.) Top 10's Company From North America Where Country is United States.

```
SELECT Company_id
, Company
, Country
, Continent
FROM Companies
WHERE Country='United States' AND Continent='North America'
ORDER BY Company_id
LIMIT 10;
```

--(5.) To Find Maximum of Company_id Where it's Belong Through Europe.

```
SELECT Company_id, Company, Continent FROM
Companies
WHERE Company_id >(SELECT max(Company_id) FROM
Companies
WHERE Continent = 'Europe');

SELECT Company_id
, Industry
FROM Industreies
WHERE Company_id > (SELECT max(Company_id)
FROM Industreies
WHERE Industry = 'Fintech');
```

--(6.) To Find The Average Of Valuation With Their Company_id and Slect_Investors.

```
SELECT Company_id, Valuation, Select_investors
FROM Funding
WHERE Valuation >
(SELECT AVG(Valuation) FROM Funding)
ORDER BY Company_id;
```

--(7.) Using Group By To Group 'Product_Emissions' With Valuation With Round at 2 Place.

```
SELECT id, ROUND (AVG(Weight_kg), 2)
FROM Product_Emissions GROUP BY id
HAVING AVG(Weight_kg)>=ALL
(SELECT AVG(Weight_kg) FROM Product_Emissions
GROUP BY id);
```

--(8.) Total Number of City In each Specific Country.

```
SELECT Country
, COUNT(City) AS Total_City
FROM Companies
GROUP BY Country
ORDER BY Total_City DESC
LIMIT 10;
```

```
--(9.)  Use Of CASE Show the 'USA' As 'Food,
Beverage & Tobacco', 'Japan' AS 'High_Tech',
-- 'Germany' AS 'AutoMobiles & Components',
'United Kingdom' As 'Materials' and 'Other'
SELECT product_name,
    CASE Country
        WHEN 'USA' THEN 'Food, Beverage & Tobacco'
        WHEN 'Japan' THEN 'High_Tech'
        WHEN 'Germany' THEN 'AutoMobiles &
Components'
       WHEN 'United Kingdom' THEN 'Materials'
        ELSE 'Other'
    END AS category_group
FROM Product_Emissions;
```

```
--(10. ) Top Pick's Of Industry By Country &
Continent.


SELECT Industreies.Company_id
, Industreies.Industry
, Companies.Country
, Companies.Continent
FROM Industreies
JOIN Companies
ON  Industreies.Company_id = Companies.Company_id
WHERE Companies.Company_id<=10
ORDER BY Companies.Company_id ASC;
```

--(11.) Named Company Which Belong to Health into Asia in India.

```
SELECT Industreies.Company_id
, Companies.Company
, Industreies.Industry
, Companies.Country
, Companies.Continent
FROM Industreies
JOIN Companies
ON  Industreies.Company_id = Companies.Company_id
WHERE Industreies.Industry='Health' AND
Companies.Country='India'
ORDER BY Companies.Company_id ASC;
```

--(12.) Named Company Which Belong to Fintech in Europe.

```
SELECT Industreies.Company_id
, Companies.Company
, Industreies.Industry
, Companies.Country
, Companies.Continent
FROM Industreies
JOIN Companies
ON  Industreies.Company_id = Companies.Company_id
WHERE Industreies.Industry='Fintech' AND
Companies.Continent='Europe'
ORDER BY Companies.Company_id ASC
LIMIT 5;
```

--(13.) Top Company With Their Industry, Valuation and Selected Investors.

```
SELECT Industreies.Company_id
, Companies.Company
, Industreies.Industry
, Funding.Valuation
, Companies.Country
, Companies.Continent
, Funding.Select_Investors
FROM Industreies
INNER JOIN Companies
ON  Industreies.Company_id = Companies.Company_id
INNER JOIN Funding
ON Industreies.Company_id = Funding.Company_id
WHERE Funding.Valuation>='6000000000' AND
Industreies.Industry='Edtech'
ORDER BY Industreies.Company_id;
```

--(14.) Top Company With Their Industry, Valuation, Funding and Selected Investors.

```
SELECT Industreies.Company_id
, Companies.Company
, Industreies.Industry
, Companies.Continent
, Funding.Valuation
, Funding.funding
, Funding.Select_Investors
FROM Industreies
INNER JOIN Companies
ON  Industreies.Company_id = Companies.Company_id
INNER JOIN Funding
ON Industreies.Company_id = Funding.Company_id
WHERE  Funding.funding>='600000000'
ORDER BY Industreies.Company_id ASC
LIMIT 10;
```

--(15.) Top Company With Their Industry, Valuation, Funding and Selected Investors.

```
SELECT Sales.Index
, Sales.Client_type
, Students.inter_dom
, Students.Gender
, Sales.Product_line
, Sales.Quantity
, Sales.Total
FROM Sales
INNER JOIN Students
ON Sales.Index = Students.Index
WHERE Sales.Client_type='Wholesale' AND
Students.inter_dom = 'Inter'
ORDER BY Sales.Index;
```

--(16.) To Find An Industry 'Edtech' From Asia WHere It's Company 'Intel Coporation'.

```
SELECT Funding.Company_id
, Companies.Company
, Industreies.Industry
, Product_Emissions.Company
, Product_Emissions.Product_name
, Product_Emissions.Industry_Group
, Product_Emissions.Carbon_footprint_pcf
, Funding.Valuation
, Companies.Country
, Companies.Continent
FROM Industreies
INNER JOIN Funding
ON Industreies.Company_id = Funding.Company_id
INNER JOIN Companies
ON Industreies.Company_id = Companies.Company_id
INNER JOIN Product_Emissions
ON Industreies.Index = Product_Emissions.Index
WHERE Industreies.Industry = 'Edtech' AND
( Product_Emissions.Product_name = 'Mobile CPU' OR
Product_Emissions.Industry_Group = 'Energy' )
ORDER BY Funding.Company_id ASC;
```

--(17.) To Find 'Inter' with Company 'CoinDCX' With Their Valuation.

```
SELECT Funding.Company_id
, Students.inter_dom
, Funding.Valuation
, Industreies.Industry
, Companies.Company
, Companies.Continent
FROM Students
INNER JOIN Funding
ON Students.Index = Funding.Index
INNER JOIN Industreies
ON Funding.company_id =
Industreies.Company_id
INNER JOIN Companies
ON Funding.Company_id = Companies.Company_id
WHERE Companies.Company = 'CoinDCX'
ORDER BY Funding.Company_id;
```

--(18.) How ManY Industry Started Since '2019' In 'India' With Their Company Name.

```
SELECT Companies.Company_id
, Companies.Company
, Industreies.Industry
, Dates.Year_Founded
, Dates.Date_Joined
, Companies.Country
, Companies.Continent
FROM Companies
INNER JOIN Dates
ON Companies.Company_id = Dates.Company_id
INNER JOIN Industreies
ON Companies.Company_id = Industreies.Company_id
WHERE Year_Founded >= '2019' AND
Companies.Country = 'India'
ORDER BY Companies.Company_id ASC;
```