-- What is the Highest salary for any job?

select max(salary\_in\_usd) as 'Highest Salary Paid (USD)'

from ds\_salaries;

Screenshot 2024-06-24 101444.png

-- What is the Job with highest pay?

select job\_title as 'Highest paid Job'

from ds\_salaries

order by salary\_in\_usd desc

limit 1;

Screenshot 2024-06-24 101945.png

-- How many types of jobs are selected for the analysis?

select count(distinct job\_title) as 'Total Job types'

from ds\_salaries;

Screenshot 2024-06-24 102354.png

-- Which year has the vast amount paid in terms of salary?

select work\_year as 'Highest paid Year'

from (select work\_year, sum(salary\_in\_usd) as a

from ds\_salaries

group by work\_year) as b

order by a desc limit 1 ;

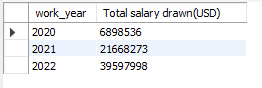
Screenshot 2024-06-24 104816.png

-- What is the total salary drawn on each year?

select work\_year, sum(salary\_in\_usd) as 'Total salary drawn(USD)'

from ds\_salaries

group by work\_year;



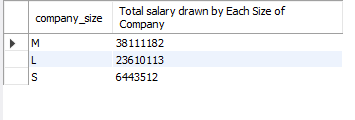
-- Is there any relationship between company size and salary?

select company\_size, sum(salary\_in\_usd)as 'Total salary drawn by Each Size of Company'

from ds\_salaries

group by company\_size

order by 2 desc;



-- How does the experience of the employees plays role in deciding the salary

with tab1 as

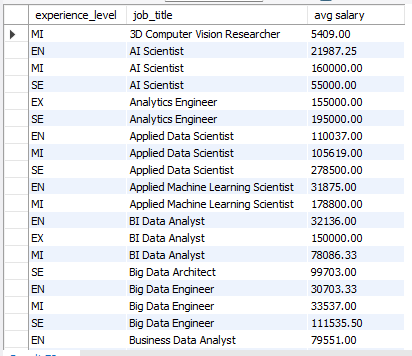
(select \*, row\_number () over(partition by job\_title order by experience\_level)

from ds\_salaries)

select experience\_level, job\_title, round(avg(salary\_in\_usd),2)as 'avg salary'

from tab1

group by experience\_level, job\_title;



-- How does the employment type plays role in deciding the salary

with tab2 as

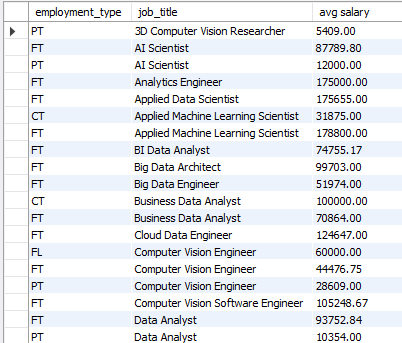
(select \*, row\_number () over(partition by job\_title order by employment\_type)

from ds\_salaries)

select employment\_type, job\_title, round(avg(salary\_in\_usd),2)as 'avg salary'

from tab2

group by employment\_type, job\_title;



-- Is there any changes in the amount paid for the roles over the years

with tab3 as

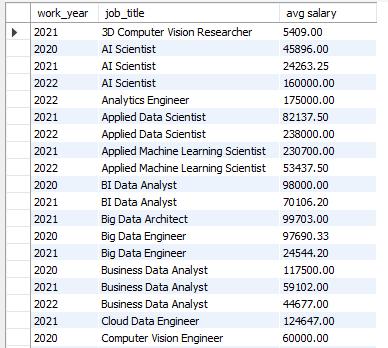
(select \*, row\_number() over (partition by job\_title order by work\_year)

from ds\_salaries)

select work\_year, job\_title, round(avg(salary\_in\_usd),2) as 'avg salary'

from tab3

group by work\_year, job\_title;



-- The amount of salary paid for the same job differ with company location

with tab4 as

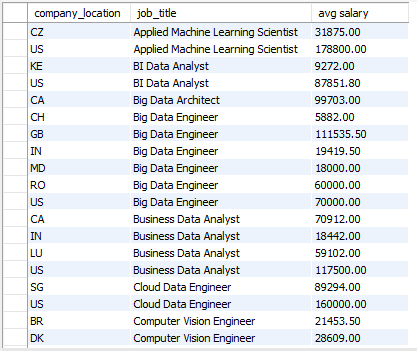
(select \*, row\_number() over (partition by job\_title order by company\_location)

from ds\_salaries)

select company\_location, job\_title, round(avg(salary\_in\_usd),2) as 'avg salary'

from tab4

group by company\_location, job\_title;



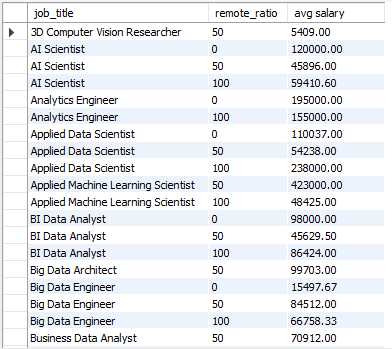
-- Does the remote job option affect salary

select job\_title,remote\_ratio, round(avg(salary\_in\_usd),2) as 'avg salary'

from ( select \*, row\_number() over (partition by job\_title order by remote\_ratio)

from ds\_salaries) as a

group by job\_title,remote\_ratio;



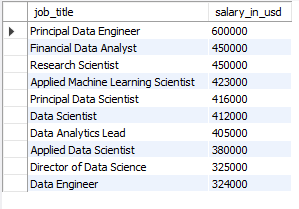
-- Find the Top 10 jobs with highest payment

select distinct job\_title, salary\_in\_usd

from ds\_salaries

order by salary\_in\_usd desc

limit 10;



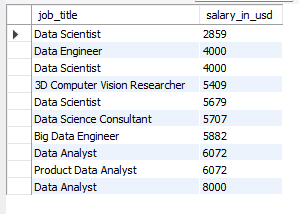
-- Find the Top 10 jobs with lowest payment

select distinct job\_title, salary\_in\_usd

from ds\_salaries

order by salary\_in\_usd

limit 10;



-- Find out the number of countries in which the highest paid job located

select count(distinct company\_location)as 'Location'

from ds\_salaries

where job\_title = (select job\_title

from ds\_salaries

where salary\_in\_usd >=600000);

Screenshot 2024-06-25 201827.png

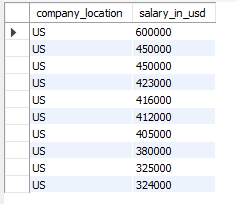
-- Find the Top 10 countries with highest payment

select company\_location, salary\_in\_usd

from ds\_salaries

order by salary\_in\_usd desc

limit 10;



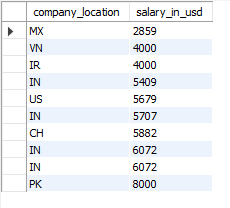
-- Find the Top 10 countries with lowest payment

select company\_location, salary\_in\_usd

from ds\_salaries

order by salary\_in\_usd

limit 10;



-- How many countries provide remote work option?

select count(distinct company\_location) as 'Locations with remote option'

from ds\_salaries

where remote\_ratio > 0;

Screenshot 2024-06-25 202402.png

-- What is the average compensation drawn on each year?

select work\_year, round(avg(salary\_in\_usd),2) as 'avg salary drawn(USD)'

from ds\_salaries

group by work\_year;

