**Provide the SQL queries and answers for the following questions/tasks using the data\_analyst\_jobs table you have created in PostgreSQL:**

1. How many rows are in the data\_analyst\_jobs table? 1793 rows

select count (\*) from;

1. Write a query to look at just the first 10 rows data\_analyst\_jobs. What company is associated with the job posting on the 10th row? ExxonMobil

select \* from data\_analyst\_jobs limit 10;

1. How many postings are in Tennessee? 21. How many are there in either Tennessee or Kentucky? 27

select count (title) from data\_analyst\_jobs where location like 'TN%';

select count (title) from data\_analyst\_jobs where (location = 'TN' or location = 'KY');

1. How many postings in Tennessee have a star rating above 4? 3

select count (\*) from data\_analyst\_jobs WHERE location ='TN' and star\_rating > 4;

1. How many postings in the dataset have a review count between 500 and 1000? 151

select count (\*) from data\_analyst\_jobs WHERE review\_count between 500 and 1000;

1. Show the average star rating for each state. The output should show the state as state and the average rating for the state as avg\_rating. Which state shows the highest average rating? NE

select avg(star\_rating) as avg\_rating, location as state from data\_analyst\_jobs group by location order by avg\_rating desc;

1. Select unique job titles from the data\_analyst\_jobs table. How many are there? 881

select count (distinct title), from data\_analyst\_jobs;

1. How many unique job titles are there for California companies? 230

select count (distinct title) from data\_analyst\_jobs where location like 'CA';

1. Find the name of each company and its average star rating for all companies that have more than 5000 reviews across all locations. How many companies are there with more than 5000 reviews across all locations? 70

SELECT company, ROUND(AVG(star\_rating),2) as avg\_rat

FROM data\_analyst\_jobs

WHERE star\_rating IS NOT NULL AND company IS NOT NULL

GROUP BY company, star\_rating

HAVING SUM(review\_count) > 5000

ORDER BY company

1. Add the code to order the query in #9 from highest to lowest average star rating. Which company with more than 5000 reviews across all locations in the dataset has the highest star rating? What is that rating? Google, 4.30

SELECT company, ROUND(AVG(star\_rating),2) as avg\_rat, SUM(review\_count) as review\_count

FROM data\_analyst\_jobs

WHERE star\_rating IS NOT NULL AND company IS NOT NULL

GROUP BY company, star\_rating

HAVING SUM(review\_count) > 5000

ORDER BY avg\_rat desc

1. Find all the job titles that contain the word ‘Analyst’. How many different job titles are there? 774

select count (distinct title) from data\_analyst\_jobs where lower (title) like '%analyst%'

1. How many different job titles do not contain either the word ‘Analyst’ or the word ‘Analytics’? What word do these positions have in common? 4, Tableau.

select count (title), title from data\_analyst\_jobs where title not ILIKE '%Analyst%' AND title NOT ILIKE '%Analytics%' group by title