**CTC DATASET**

**Columns-**

1. S.No.: This column represents the serial number of each observation in the dataset.
2. College: This column represents the tier of the college from which the employee graduated. It has three levels - Tier 1, Tier 2, and Tier 3.
3. Role: This column represents the designation of the employee in their current job.
4. City type: This column represents the type of city in which the employee works. It has two levels - Metro and Non-Metro.
5. Previous CTC: This column represents the previous salary of the employee before joining their current job. It is in Indian Rupees (INR) and has been rounded to two decimal places.
6. Previous job changes: This column represents the number of times the employee has changed jobs before joining their current job.
7. Graduation marks: This column represents the percentage of marks the employee scored in their graduation degree. It has been rounded to two decimal places.
8. Exp (Months): This column represents the total number of months of experience the employee has in their field.
9. CTC: This column represents the current salary of the employee in their current job. It is in Indian Rupees (INR) and has been rounded to two decimal places.

**MySQL-**

1. What are the average graduation marks of employees who have worked in Tier 1 colleges?
2. Which city type has the highest average CTC among executives?
3. How many executives in the dataset have more than 3 years of experience?
4. Which college has the highest number of managers?
5. What is the percentage of employees who have changed jobs more than once?
6. How many executives in the dataset have graduation marks above 80?
7. What is the average CTC of employees who have worked in Tier 3 colleges?
8. How many executives in the dataset have a previous CTC of more than 60,000?
9. What is the total number of executives in the dataset?
10. What is the total number of managers in the dataset?

**Statistical Questions:**

1. What is the average previous CTC of the employees in the dataset?
2. How many employees have worked in non-metro cities?
3. Is there a correlation between graduation marks and current CTC?
4. What is the highest and lowest CTC offered to an employee in the dataset?
5. What is the median experience in months of the employees in the dataset?