**Datasets Used: Churn1.csv**

1. Convert all decimal values in MonthlyServiceCharges to the smallest integer value that is greater than or equal to number.
2. Convert SeniorCitizen (1 and 0) values to true and false respectively.
3. Get the count of males and females respectively.

**Datasets Used: Names\_Sub.csv**

1. Get names and number of characters in the name string where the number of characters in the name is an even number.
2. Which is the most unique name used in Canada?

**Datasets Used: products\_u.csv, purchase\_u.csv, user\_data\_u.csv**

**Create a database : blackfridaysales**

1. What is the product id of the most expensive product purchased by the user?
2. Extract rows having null values in the product category 2 column. Replace the empty strings with NULL.
3. People from which city category spent more during Black Friday Sales?
4. Categorize the users like;

# Total purchase of users > 200000 : Platinum Members

# Total purchase of users in the range (50000, 200000) : Gold Members

# Total purchase of users < 50000 : Casual Members

# Also sort the users in descending order according to their total purchases. \*\*\*

1. If the marital status is 0 then show 'Single' else show 'Married' in a new column. Group the rows by user id. People from which age group spent more during the black friday sales?

**Datasets Used: HR Schema**

1. Write a Query to find the last day of the most recent job of every employee.
2. Write a Query to find the maximum salary of the most recent job that every employee holds.
3. Write a Query to List the first designation and next promoted designation of all the employees in the company.
4. Write a Query to calculate the cumulative distribution of Salary in the employees table.
5. Write a Query to find the maximum salary of the most recent job that every employee holds.