use mortgage\_details;

-- Total number of customers

SELECT COUNT(\*) AS 'Total Customers'

FROM customer;

-- Number of customers by age

SELECT Age, COUNT(\*) AS 'Customer Count by Age'

FROM customer

GROUP BY Age

ORDER BY Age;

-- Number of customers by gender

SELECT Gender, COUNT(\*) AS 'Customer Count by Gender'

FROM customer

GROUP BY Gender;

-- Number of customers by occupation

SELECT Occupation, COUNT(\*) AS 'Customer Count by Occupation'

FROM customer

GROUP BY Occupation;

-- Number of customers by salary

SELECT Salary, COUNT(\*) AS 'Customer Count by Salary'

FROM customer

GROUP BY Salary;

-- Analysing Applied Loan Amounts

-- Applied loan amounts by age

SELECT Age,

SUM(Applied\_Loan\_Amount\_in\_Lacs) AS 'Total Applied Loan Amount in Lacs'

FROM customer

GROUP BY Age

ORDER BY Age;

-- Applied loan amounts by gender

SELECT Gender, SUM(Applied\_Loan\_Amount\_in\_Lacs) AS 'Total Applied Loan Amount in Lacs'

FROM customer

GROUP BY Gender;

-- Applied loan amounts by occupation

SELECT Occupation, SUM(Applied\_Loan\_Amount\_in\_Lacs) AS 'Total Applied Loan Amount in Lacs'

FROM customer

GROUP BY Occupation;

-- Applied loan amounts by salary

SELECT Salary, SUM(Applied\_Loan\_Amount\_in\_Lacs) AS 'Total Applied Loan Amount in Lacs'

FROM customer

GROUP BY Salary

ORDER BY CAST(Salary as UNSIGNED), Salary;

-- ------------------------------------------------------------------

-- Analysing Sanctioned Loan Amounts : Use customer & saction\_data

-- Sanctioned loan amounts by age

SELECT Age, SUM(Sanction\_Amt\_in\_Lacs) AS 'Total Sanctioned Loan Amount in Lacs'

FROM customer c

INNER JOIN sanction\_data s

ON c.Customer\_Number = s.Customer\_Number

GROUP BY Age

ORDER BY Age;

-- Sanctioned loan amounts by gender

SELECT Gender, SUM(Sanction\_Amt\_in\_Lacs) AS 'Total Sanctioned Loan Amount in Lacs'

FROM customer c

INNER JOIN sanction\_data s

ON c.Customer\_Number = s.Customer\_Number

GROUP BY Gender;

-- Sanctioned loan amounts by occupation

SELECT Occupation, SUM(Sanction\_Amt\_in\_Lacs) AS 'Total Sanctioned Loan Amount in Lacs'

FROM customer c

INNER JOIN sanction\_data s

ON c.Customer\_Number = s.Customer\_Number

GROUP BY Occupation;

-- Sanctioned loan amounts by salary

SELECT Salary, SUM(Sanction\_Amt\_in\_Lacs) AS 'Total Sanctioned Loan Amount in Lacs'

FROM customer c

INNER JOIN sanction\_data s

ON c.Customer\_Number = s.Customer\_Number

GROUP BY Salary