Aggregate Functions

1. Find out what is the total LPP(Late Penalty Charges) amount charged for a given period (from to date)

2. For a given loan agreement, fetch the count of EMIs billed, total EMI amount billed, total Principal billed, Total Interest billed, total Principal paid, total interest paid

3. Find the count of all payments which has been made through Cash.

4. Find the count of All Pending instalments for a particular LoanAgreement

5. Find the count of all Active Loans

6. Find the sum of all the amounts of the loans being taken by a particular Customer given the customer_id

7. Find the sum of all the amounts of the loans being taken by every Customer

8. Display the minimum and maximum ROI from the LMS_Agreement_DTL table

9. Find the sum of advice amount being generated in a particular month

10. Find the avg of total interest billed in a particular month.

Joins

1. For a given Customer, fetch all the loans being taken by that Customer. Return Customer Name, Product Name, Product Category, Loan Amount, Loan Disbursal Date and Repayment Frequency.

2. For a given Loan agreement, fetch all the advices generated to date. Return Agreement ID, Customer Name, Advice ID, Advice date, Payment or Receipt, Advice Amount, Paid to date

3. For a given receipt cheque Number, please find out the advices which have been settled with it

4. Find out how many payments have been made by a customer against a given Agreement ID

5. For a given loan agreement, get the count and total payments amount received by payment mode (Cheque, Cash…)

6. For a given loan, get the total count and amount of payments received from the customer that have bounced.

7. Get the count and total payments amount received by payment mode (Cheque, Cash…) for all the Loan Agreements

8. For a given Customer find out the total number of installments which had not been paid for all the loans being taken by that Customer

9. For a given Customer, find out how many loans the Customer has taken are Asset based. Return the Customer Name, Product Name and Loan Amount

10. Get the total Installment amount billed to date

11. Write a query to find out those customers who have paid all the instalments on time.

12. For a given loan agreement id, find out the details of the product. Return Product name, max_tenure, min_tenure, asset based, secured/Unsecured loan

13. Given a PropInstID, find out the loan agreement details of that PropInstID

14. Display a report of all the installments of a particular loan agreement id. Return loan amount, installment amount, principal component, interest component

15. Write a query to find out who all customers have taken the home loan.