**BANK LOAN REPORT QUERY**

1. BANK LOAN REPORT SUMMARY
2. BANK LOAN REPORT OVERVIEW
3. BANK LOAN REPORT | SUMMARY

* Total Loan Application:

select count(ID) as Total\_Application from Bank\_Loan



* MTD Loan Application:

select count(ID) as Total\_MTD\_Application from Bank\_Loan where MONTH(Issue\_Date) = 12



* PMTD Loan Application:

select count(ID) as Total\_PMTD\_Application from Bank\_Loan where MONTH(Issue\_Date) = 11



* Total Funded Amount:

select sum(Loan\_Amount) as Total\_Funded\_Amount from Bank\_Loan



* MTD Total Funded Amount:

select sum(Loan\_Amount) as Total\_Funded\_Amount from Bank\_Loan where month(issue\_date) = 12



* PMTD Total Funded Amount:

select sum(Loan\_Amount) as Total\_PMTD\_Funded\_Amount from Bank\_Loan where month(issue\_date) = 11



* Total Amount Received:

select sum(Total\_Payment) as Total\_Amt\_Collect from Bank\_Loan



* MTD Total Amount Received:

select sum(Total\_Payment) as Total\_MTD\_Amt\_Collect from Bank\_Loan WHERE MONTH(Issue\_Date) = 12



* PMTD Total Amount Received:

select sum(Total\_Payment) as Total\_PMTD\_Amt\_Collect from Bank\_Loan WHERE MONTH(Issue\_Date) = 11



* Average Interest Rate:

select AVG(Int\_Rate)\*100 as Avg\_Int\_Rate from Bank\_Loan



* MTD Average Interest Rate:

select AVG(Int\_Rate)\*100 as Avg\_MTD\_Int\_Rate from Bank\_Loan where month(issue\_date) = 12



* PMTD Average Interest Rate:

select AVG(Int\_Rate)\*100 as Avg\_PMTD\_Int\_Rate from Bank\_Loan where month(issue\_date) = 11



* Average DTI:

select AVG(Dti)\*100 as Avg\_Dti from Bank\_Loan



* MTD Average DTI:

select avg(dti)\*100 as MTD\_Avg\_Dti from Bank\_Loan where month(issue\_date) = 12



* PMTD Average DTI:

select avg(dti)\*100 as PMTD\_Avg\_Dti from Bank\_Loan where month(issue\_date) = 11



Good Loan Issued

* Good Loan Percentage:

select (count(case when loan\_status = 'Fully Paid' or loan\_status = 'Current' then id end)\*100.0)/ count(id) as Good\_Loan\_Percentage from Bank\_Loan



* Good Loan Application:

select count(id) as Good\_loan\_application from Bank\_Loan where loan\_status = 'fully paid' or Loan\_Status = 'current'



* Good Laon Funded Amount:

select sum(loan\_amount) as Good\_loan\_funded\_amount from Bank\_Loan where Loan\_Status = 'fully paid' or Loan\_Status = 'current'



* Good Laon Amount Received:

select sum(Total\_payment) as Good\_loan\_amount\_received from Bank\_Loan where Loan\_Status = 'fully paid' or Loan\_Status = 'current'



Bad Loan Issued

* Bad Loan Percentage:

select (COUNT(case when loan\_status = 'charged off' then id end)\*100.0)/

count(id) as Bad\_Loan\_percentage from Bank\_Loan



* Bad Loan Application:

select count(id) as Bad\_loan\_application from Bank\_Loan where Loan\_Status = 'Charged off'



* Bad Loan Funded Amount:

select sum(Loan\_Amount) as Bad\_loan\_funded\_amount from Bank\_Loan where Loan\_Status = 'charged off'



* Bad Loan Amount Received:

select sum(total\_payment) as Bad\_loan\_amount\_received from Bank\_Loan where Loan\_Status = 'charged off'



Loan Status

select

loan\_status,COUNT(id) as loan\_count,

sum(loan\_amount) as total\_loan\_funded,

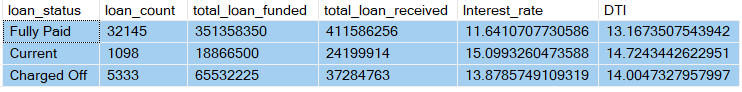
sum(total\_payment) as total\_loan\_received,

avg(int\_rate \*100) as Interest\_rate,

avg(dti \* 100) as DTI

from Bank\_Loan

group by Loan\_Status



Loan Status of MTD

SELECT Loan\_status,

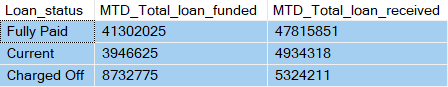
sum(loan\_amount) as MTD\_Total\_loan\_funded,

sum(total\_payment) as MTD\_Total\_loan\_received

from Bank\_Loan

where MONTH(issue\_date) = 12

group by Loan\_Status



1. Bank Loan Report Overview

Month

select month(issue\_date) as Month\_Number,

DATENAME(month,issue\_date) as Month\_Number,

count(id) as Total\_Loan\_Application,

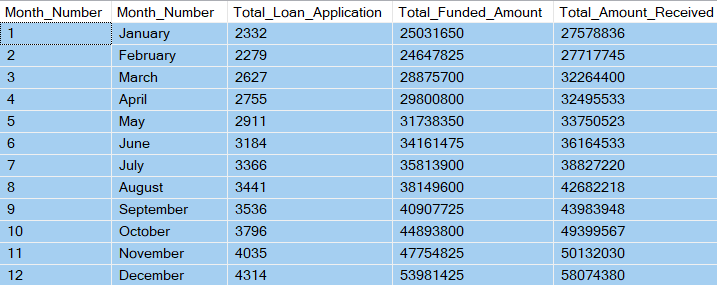
sum(loan\_amount) as Total\_Funded\_Amount,

sum(total\_payment) as Total\_Amount\_Received

from Bank\_Loan

group by month(issue\_date), datename(month,issue\_date)

order by month(issue\_date)



State

select address\_state as State,

count(id) as Total\_Loan\_Application,

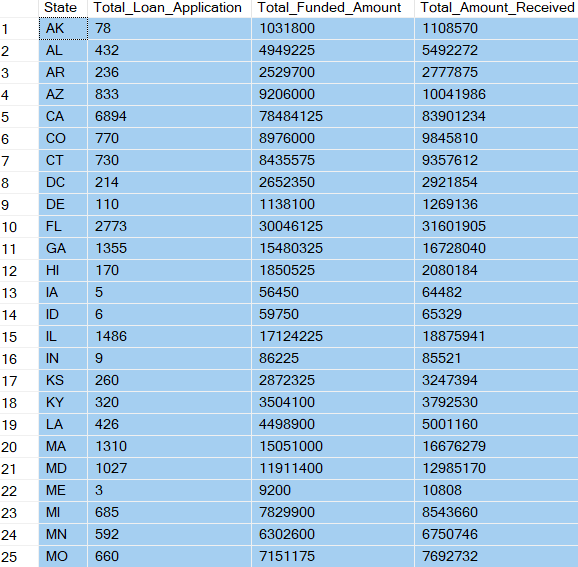
sum(loan\_amount) as Total\_Funded\_Amount,

sum(total\_payment) as Total\_Amount\_Received

from bank\_loan

group by address\_state

order by Address\_State



Term:

select term as Term,

count(id) as Total\_Loan\_Application,

sum(loan\_amount) as Total\_Loan\_Application,

sum(total\_payment) as Total\_Amount\_Received

from Bank\_Loan

group by Term

order by Term



Employee Lenth:

select Emp\_length as Employee\_Lenth,

COUNT(id) as Total\_Loan\_Applications,

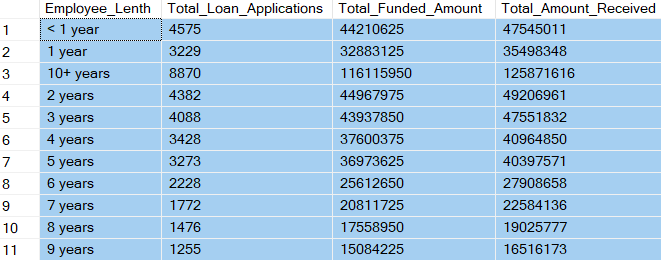
sum(loan\_amount) as Total\_Funded\_Amount,

sum(total\_payment) as Total\_Amount\_Received

from Bank\_Loan

group by Emp\_Length

order by Emp\_Length



Purpose:

select purpose as Purpose,

count(id) as Total\_Loan\_Applications,

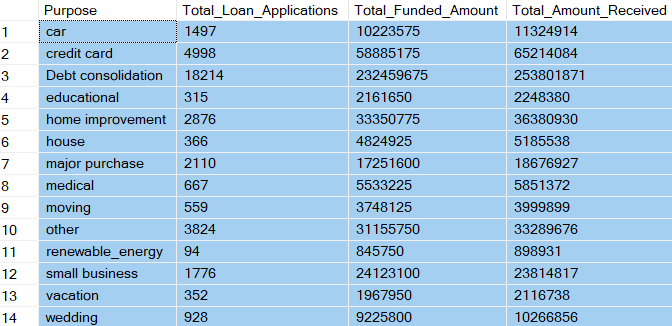
sum(loan\_amount) as Total\_Funded\_Amount,

sum(total\_payment) as Total\_Amount\_Received

from bank\_loan

group by purpose

order by purpose



Home Ownership:

select home\_ownership as Home\_Ownership,

count(id) as Total\_Loan\_Applications,

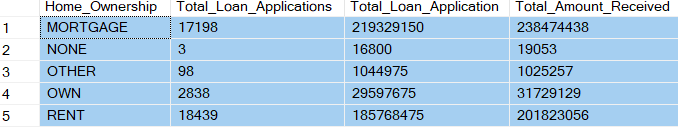
sum(loan\_amount) as Total\_Loan\_Application,

sum(total\_payment) as Total\_Amount\_Received

from Bank\_Loan

group by Home\_Ownership

order by Home\_Ownership



Grade Wise:

select grade as Grade,

COUNT(id) as Total\_Loan\_App,

sum(loan\_amount) as Total\_Funded\_Amount,

sum(total\_payment) as Total\_Amount\_Received

from Bank\_Loan

group by Grade

order by Grade

