**KPI’s:**

**Total Loan Applications**

Bank Loan Report [ SQL ]

KPI’s: -

select count(id)as Total\_Loan\_Aplications

from bank\_loan\_data



**PMTD Loan Applications**

select count(id)as PMTD\_Total\_Loan\_Aplications

from bank\_loan\_data

where MONTH(issue date) = 11 and YEAR (issue date) =2021



**Total Funded Amount**

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

From bank\_loan\_data



**MTD Total Funded Amount**

select sum (loan\_amount) as MTD\_Total\_Funded\_Amount

From bank\_loan\_data

where month(issue\_date) =12 and year(issue\_date) =2021



**PMTD Total Funded Amount**

select sum (loan\_amount) as PMTD\_Total\_Funded\_Amount

From bank\_loan\_data

where month(issue\_date) =11 and year(issue\_date) =2021



**Total Amount Received**

select sum(total\_payment) AS Total\_Amount\_received

From bank\_loan\_data



**MTD Total Amount Received**

select sum(total\_payment) AS MTD\_Total\_Amount\_received

From bank\_loan\_data

Where MONTH(issue\_date) = 12 and YEAR (issue\_date) = 2021



**PMTD Total Amount Received**

select sum(total\_payment) AS PMTD\_Total\_Amount\_received

From bank\_loan\_data

Where MONTH(issue\_date) = 11 and YEAR (issue\_date) = 2021



**Average Interest Rate**

select round (Avg(int\_rate) \*100,2) As Avg\_Intrest\_Rate

From bank\_loan\_data



**MTD Average Interest**

select round (Avg(int\_rate) \*100,2) As MTD\_Avg\_Intrest\_Rate

From bank\_loan\_data

Where MONTH(issue\_date) =12 and YEAR (issue\_date) =2021



**PMTD Average Interest**

select round (Avg(int\_rate) \*100,2) As PMTD\_Avg\_Intrest\_Rate

From bank\_loan\_data

Where MONTH(issue\_date) =11 and YEAR (issue\_date) =2021



**Avg DTI**

Select round (avg(dti)\*100,2) As Avg\_DTI

From bank\_loan\_data



**MTD Avg DTI**

Select round (avg(dti)\*100,2) As MTD\_Avg\_DTI

From bank\_loan\_data

where MONTH (issue\_date) = 12 and YEAR (issue\_date) = 2021



**PMTD Avg DTI**

Select round (avg(dti)\*100,2) As PMTD\_Avg\_DTI

From bank\_loan\_data

where MONTH (issue\_date) = 11 and YEAR (issue\_date) = 2021



**GOOD LOAN ISSUED**

**Good Loan Percentage**

select (COUNT(case when loan\_status = 'Fully Paid' or loan\_status = 'current' then id end)\*100)

/

count(id) as Good\_loan\_Percentage

From bank\_loan\_data



**Good Loan Applications**

select count (id) As Good\_loan\_applications

from bank\_loan\_data

where loan\_status ='fully paid' or loan\_status='current'



**Good Loan Funded Amount**

select sum(loan\_amount) As Good\_loan\_Funded\_amount

from bank\_loan\_data

where loan\_status = 'fully paid' or loan\_status = 'current'



**Good Loan Amount Received**

select sum(total\_payment)As Good\_loan\_Reveive\_amount

from bank\_loan\_data

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)

/

count(id) as bad\_loan\_percentage

from bank\_loan\_data



**Bad Loan Applications**

select count(id) as bad\_loan\_applications

from bank\_loan\_data

where loan\_status = 'charged off'



**Bad Loan Funded Amount**

select sum(loan\_amount) as bad\_loan\_funnded\_amount

from bank\_loan\_data

where loan\_status = 'charged off'



**Bad Loan Amount Received**

select sum(Total\_payment)as bad\_loan\_received\_amount

from bank\_loan\_data

where loan\_status = 'charged off'



**LOAN STATUS**

select

loan\_status,

count(id) as Total\_loan\_applications,

sum(total\_payment) as Total\_amount\_received,

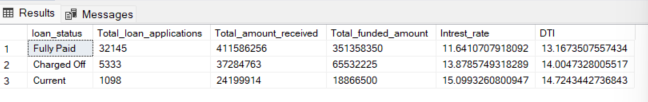
sum(loan\_amount) as Total\_funded\_amount,

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

avg(dti\*100) as DTI

from bank\_loan\_data

group by loan\_status



1. **BANK LOAN REPORT | OVERVIEW**

select

month (issue\_date) as Month\_Number,

datename (month,issue\_date)as Month\_Name,

count(id) as Total\_loan\_applications,

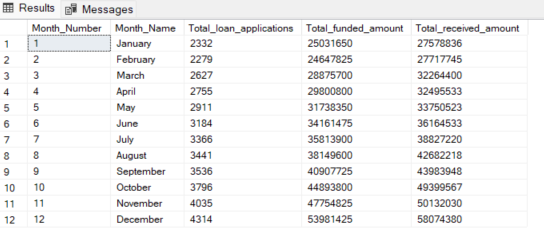
sum (loan\_amount) as Total\_funded\_amount ,

sum (total\_payment) as Total\_received\_amount

From bank\_loan\_data

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

order by month(issue\_date)



select

address\_state,

count(id) as Total\_loan\_applications,

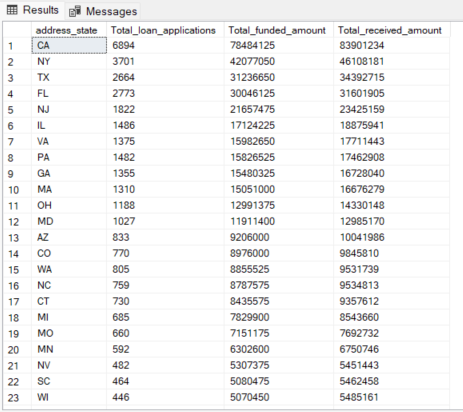
sum (loan\_amount) as Total\_funded\_amount ,

sum (total\_payment) as Total\_received\_amount

From bank\_loan\_data

group by address\_state

order by sum(loan\_amount) desc



select

term,

count(id) as Total\_loan\_applications,

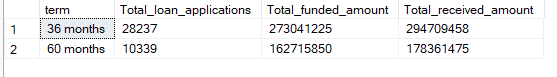
sum (loan\_amount) as Total\_funded\_amount ,

sum (total\_payment) as Total\_received\_amount

From bank\_loan\_data

group by term

order by term



select

emp\_length,

count(id) as Total\_loan\_applications,

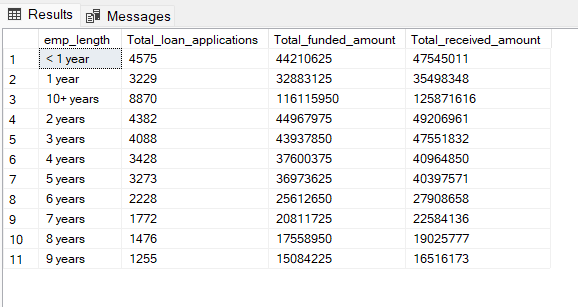
sum (loan\_amount) as Total\_funded\_amount ,

sum (total\_payment) as Total\_received\_amount

From bank\_loan\_data

group by emp\_length

order by emp\_length



select

purpose,

count(id) as Total\_loan\_applications,

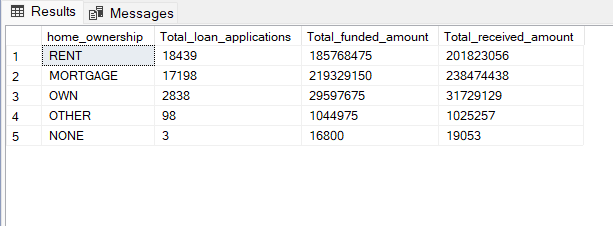
sum (loan\_amount) as Total\_funded\_amount ,

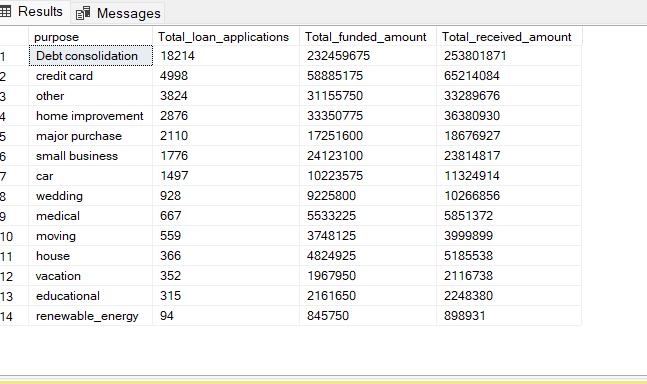
sum (total\_payment) as Total\_received\_amount

From bank\_loan\_data

group by purpose

order by count(id) desc





select

home\_ownership,

count(id) as Total\_loan\_applications,

sum (loan\_amount) as Total\_funded\_amount ,

sum (total\_payment) as Total\_received\_amount

From bank\_loan\_data

group by home\_ownership

order by count(id) desc