**BANK LOAN REPORT QUERY DOCUMENT**

A. BANK LOAN REPORT | SUMMARY -

KPI’S:

Total Loan Applications

Select count(id) as Total\_Loan\_Application from Bank\_Loan\_data



MTD Loan Applications

Select count(id) as MTD\_Total\_Loan\_Application from Bank\_Loan\_data

where month(issue\_date) = 12



PMTD Loan Application

Select count(id) as PMTD\_Total\_Loan\_Application from Bank\_Loan\_data

where month(issue\_date) = 11



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



PMTD Total Funded Amount

Select sum(loan\_amount) as MTD\_Total\_Funded\_Amount from Bank\_Loan\_data

where month(issue\_date)= 12



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



PMTD Total Amount Received

select sum(total\_payment) as MTD\_Total\_Amount\_Received from Bank\_Loan\_data

where MONTH(issue\_date) = 11



Average Interest Rate

select AVG(int\_rate)\*100 as Average\_Intrest\_Rate from Bank\_Loan\_data



MTD Average Interest

select AVG(int\_rate)\*100 as Average\_Intrest\_Rate from Bank\_Loan\_data

where month(issue\_date) = 12



PMTD Average Interest

select AVG(int\_rate)\*100 as Average\_Intrest\_Rate from Bank\_Loan\_data

where month(issue\_date) = 11



Avg DTI

select avg(dti)\*100 as AVG\_DTI from Bank\_Loan\_data



MTD Avg DTI

select avg(dti)\*100 as AVG\_DTI from Bank\_Loan\_data

where month(issue\_date) = 12



PMTD Avg DTI

select avg(dti)\*100 as AVG\_DTI from Bank\_Loan\_data

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\_data



Good Loan Application

select count(id) as Good\_loan\_application 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\_amount\_Received 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) \* 100.0) /

count(id) as Bad\_loan\_Percentage

from Bank\_Loan\_data



Bad Loan Application

select count(id) as Bad\_loan\_application from Bank\_Loan\_data

where loan\_status = 'Charged off'



Bad Loan Application

select sum(loan\_amount) as Bad\_Loan\_Funded\_amount from Bank\_Loan\_data

where loan\_status = 'Charged off'



Bad Loan Amount Received

select sum(total\_payment) as Bad\_Loan\_amount\_Received from Bank\_Loan\_data

where loan\_status = 'Charged off'



LOAN STATUS

select

loan\_status,

count(id) as Loan\_Count,

sum(Loan\_amount) AS Total\_Funded\_Amount,

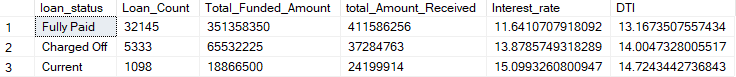
sum(total\_payment) as total\_Amount\_Received,

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

Avg(dti)\*100 as DTI

from Bank\_Loan\_data

group by loan\_status



select

loan\_status,

count(id) as MTD\_Loan\_Count,

sum(Loan\_amount) AS MTD\_Total\_Funded\_Amount,

sum(total\_payment) as MTD\_total\_Amount\_Received,

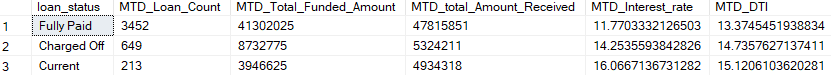
AVG(int\_rate)\*100 as MTD\_Interest\_rate,

Avg(dti)\*100 as MTD\_DTI

from Bank\_Loan\_data

where month(issue\_date) = 12

group by loan\_status



select

loan\_status,

count(id) as PMTD\_Loan\_Count,

sum(Loan\_amount) AS PMTD\_Total\_Funded\_Amount,

sum(total\_payment) as PMTD\_total\_Amount\_Received,

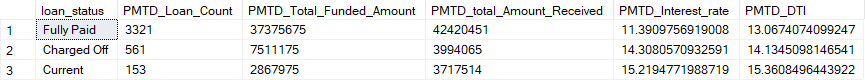
AVG(int\_rate)\*100 as PMTD\_Interest\_rate,

Avg(dti)\*100 as PMTD\_DTI

from Bank\_Loan\_data

where month(issue\_date) = 11

group by loan\_status



B. BANK LOAN REPORT | OVERVIEW

MONTH

select

month(issue\_date) as Month\_number,

Datename(month,issue\_date) as Month\_name,

count(id) as Total\_Loan\_Application,

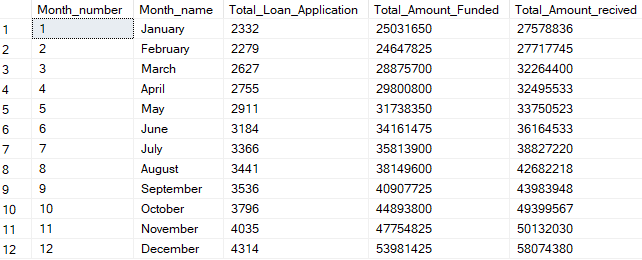
sum(Loan\_amount) as Total\_Amount\_Funded,

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

from Bank\_Loan\_data

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\_Applications,

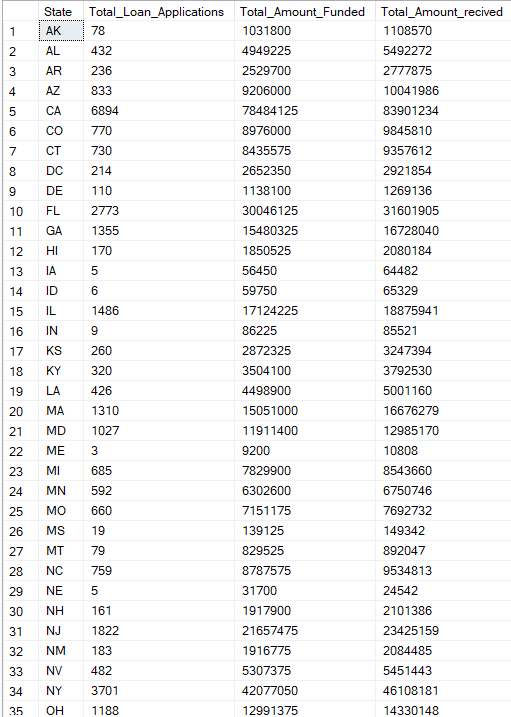
sum(Loan\_amount) as Total\_Amount\_Funded,

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

from Bank\_Loan\_data

group by address\_state

order by address\_state



TERM

Select

term as Term,

COUNT(id) as Total\_Loan\_Applications,

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

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

from Bank\_Loan\_data

group by term

order by Term



EMPLOYEE LENGTH

Select

emp\_length as Employee\_Length,

COUNT(id) as Total\_Loan\_Applications,

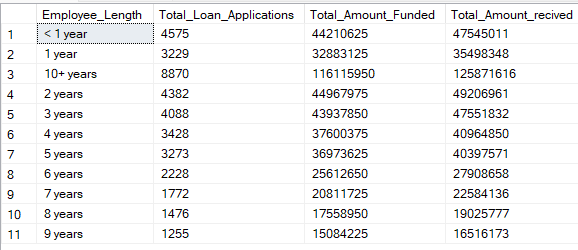
sum(Loan\_amount) as Total\_Amount\_Funded,

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

from Bank\_Loan\_data

group by emp\_length

order by emp\_length



PURPOSE

select

purpose as purpose,

COUNT(id) as Total\_Loan\_Applications,

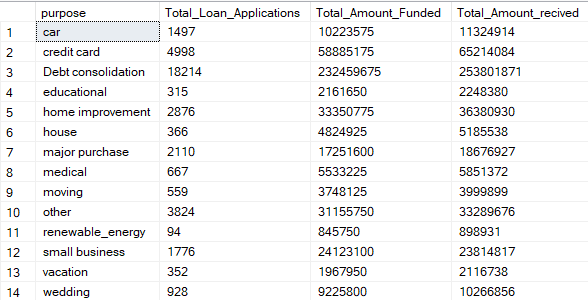
sum(Loan\_amount) as Total\_Amount\_Funded,

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

from Bank\_Loan\_data

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\_Amount\_Funded,

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

from Bank\_Loan\_data

group by home\_ownership

order by Home\_Ownership

