Bank Loan KPI’s

1. ---total loan application

select COUNT(id) as 'total loan application' from bank\_loan\_data



1. ----- MTD loan application

select COUNT(id) as 'MTD loan application' from bank\_loan\_data

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



1. -----previous month PMTD loan application {(MTD-PMTD)/PMTD}

select COUNT(id) as 'PMTD loan application' from bank\_loan\_data

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



1. ---- total funded amount

select sum(loan\_amount) as 'total funded amount' from bank\_loan\_data



1. ---- total funded amount MTD

select sum(loan\_amount) as ' MTD total funded amount' from bank\_loan\_data

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



1. ---- total funded amount PMTD

select sum(loan\_amount) as ' PMTD total funded amount' from bank\_loan\_data

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



1. -----total recieved amount

select sum(total\_payment) as 'total recieved amount' from bank\_loan\_data



1. ---- total recieved amount MTD

select sum(total\_payment) as ' MTD total recieved amount' from bank\_loan\_data where MONTH(issue\_date)= 12 and YEAR(issue\_date)=2021



1. ---- total recieved amount PMTD

select sum(total\_payment) as ' PMTD total recieved amount' from bank\_loan\_data

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



1. -------average interest rate across all loans

select round(avg(int\_rate), 4) \*100 as 'average interest rate' from bank\_loan\_data



1. -------MOM average interest rate across all loans

select round(avg(int\_rate), 4) \*100 as 'MOM average interest rate' from bank\_loan\_data

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



1. -------PMTD average interest rate across all loans

select round(avg(int\_rate), 4) \*100 as 'PMTD average interest rate' from bank\_loan\_data where month(issue\_date)= 11 and YEAR(issue\_date)=2021



1. -------DTI average of all loans

select round(avg(dti), 4) \*100 as 'average dti' from bank\_loan\_data



1. -------MOM dti of all loans

select round(avg(dti), 4) \*100 as 'MoM dti' from bank\_loan\_data

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



1. -------PMTD dti of all loans

select round(avg(dti), 4) \*100 as 'PMTD dti' from bank\_loan\_data

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



1. ---------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



1. ---------- Good Loan Applications

select COUNT(id) as 'Good loan application' from bank\_loan\_data

where loan\_status= 'Fully Paid' or loan\_status='Current'



1. ----------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'



1. ----------Good Loan Total Received Amount

select sum(total\_payment) as 'Good loan Total Received Amount' from bank\_loan\_data

where loan\_status= 'Fully Paid' or loan\_status='Current'



20.------Bad Loan Application Percentage

select

(COUNT (case when loan\_status = 'Charged off' then id end)\*100)

/

count(id) as 'Bad\_loan\_percentage'

From bank\_loan\_data



1. --Bad Loan Applications

select COUNT(id) as 'Bad loan application' from bank\_loan\_data

where loan\_status= 'Charged off'



1. --Bad Loan Funded Amount

select sum(loan\_amount) as 'Bad loan Funded Amount' from bank\_loan\_data

where loan\_status= 'Charged off'



1. --Bad Loan Total Received Amount

select sum(total\_payment) as 'Bad loan Total Received Amount' from bank\_loan\_data

where loan\_status= 'Charged off'



23.------loan status

SELECT

loan\_status,

COUNT(id) AS LoanCount,

SUM(total\_payment) AS Total\_Amount\_Received,

SUM(loan\_amount) AS Total\_Funded\_Amount,

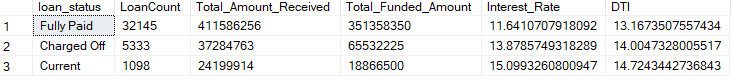
AVG(int\_rate \* 100) AS Interest\_Rate,

AVG (dti\* 100) AS DTI

FROM

bank\_loan\_data

GROUP BY



24.-------Monthly Trends by Issue Date

select

MONTH(issue\_date) as 'Month\_number',

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

COUNT(id) as Total\_Loan\_Applications,

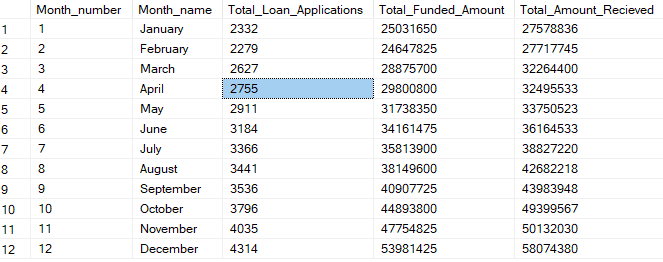
SUM(loan\_amount) as Total\_Funded\_Amount,

SUM(total\_payment) as Total\_Amount\_Recieved

from bank\_loan\_data

group by MONTH(issue\_date), DATENAME(month,issue\_date)

order by month(issue\_date)



25. --Regional Analysis by State

select

address\_state as State,

COUNT(id) as Total\_Loan\_Applications,

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

SUM(total\_payment) as Total\_Amount\_Recieved

from bank\_loan\_data

group by address\_state

order by address\_state

