Total Loan Application

select count(id) as Total\_Loan\_Applications from bank\_loan\_data



Month To Date(MTD)

select count(id) as Total\_Loan\_Applications from bank\_loan\_data

where Month(issue\_date) = 12 AND year(issue\_date) = 2021



Month over month(MOM)

select count(id) as PTotal\_Loan\_Applications from bank\_loan\_data

where Month(issue\_date) = 11 AND year(issue\_date) = 2021

(MTD-PMTD)/PMTD



Total Funded Amount

select sum(loan\_amount) As Total\_Funded\_Amount From bank\_loan\_data



Month To Date(MTD)

select sum(loan\_amount) As MTD\_Total\_Funded\_Amount From bank\_loan\_data

where Month(issue\_date) = 12 And Year(issue\_date) = 2021



Month over month(MOM)

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 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

select sum(total\_payment) As PMTD\_Total\_Amount\_received From bank\_loan\_data

where Month(issue\_date) = 11 And Year(issue\_date) = 2021



Avg Int Rate

select round(avg(int\_rate), 4)\*100 as Avgg\_Interest\_Rate From bank\_loan\_data



MTD

select round(avg(int\_rate), 4)\*100 as MTD\_Avgg\_Interest\_Rate From bank\_loan\_data

where Month(issue\_date) = 12 And Year(issue\_date) = 2021



PMTD

select round(avg(int\_rate), 4)\*100 as PMTD\_Avgg\_Interest\_Rate From bank\_loan\_data

where Month(issue\_date) = 11 And Year(issue\_date) = 2021



Avg DTI

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



MTD

select round(avg(dti), 4) \*100 as MTD\_Avg\_DTI from bank\_loan\_data

where Month(issue\_date) = 12 And Year(issue\_date) = 2021



PMTD

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

where Month(issue\_date) = 11 And Year(issue\_date) = 2021



Good Loan

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 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\_Received\_Amount

select sum(total\_payment) as Good\_Loan\_Received\_Amount From bank\_loan\_data where loan\_status = 'Fully Paid' OR loan\_status = 'Current'



Bad Loan

select (Count(Case when loan\_status = 'Charged Off' Then id End) \*100) / 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\_Funded\_Amount

select sum(loan\_amount) as Bad\_Loan\_Funded\_Amount From bank\_loan\_data where loan\_status = 'Charged Off'



Bad\_Loan\_Received\_Amount

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,

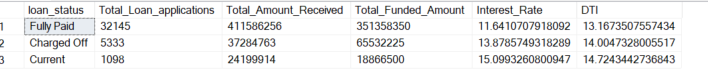
sum(loan\_amount) as Total\_Funded\_Amount,

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

avg(dti\*100) as DTI

From bank\_loan\_data

Group by loan\_status



MTD Loan Status

SELECT

loan\_status,

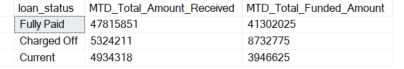
SUM(total\_payment) AS MTD\_Total\_Amount\_Received,

SUM(loan\_amount) AS MTD\_Total\_Funded\_Amount

FROM bank\_loan\_data

WHERE MONTH(issue\_date) = 12

GROUP BY loan\_status



Monthly Total Application, Funded Amount, Received Amount

Select

Month(issue\_date) As Month\_Number,

DATENAME(MONTH, issue\_date) AS Month\_name,

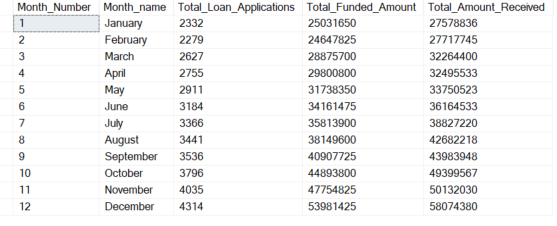
count(id) as Total\_Loan\_Applications,

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

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

From bank\_loan\_data

Group by Month(issue\_date), DATENAME(MONTH, issue\_date)

Order by Month(issue\_date) 

Regional Analysis

Select

address\_state,

count(id) as Total\_Loan\_Applications,

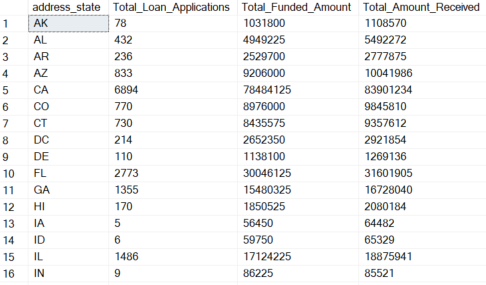
sum(loan\_amount) As Total\_Funded\_Amount,

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

From bank\_loan\_data

Group by address\_state

Order by address\_state



Term

Select

term,

count(id) as Total\_Loan\_Applications,

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

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

From bank\_loan\_data

Group by term

Order by term



Emp Duration

Select

emp\_length,

count(id) as Total\_Loan\_Applications,

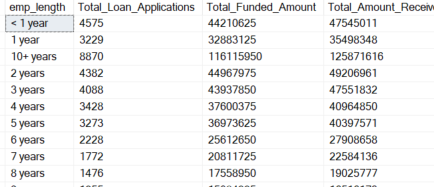
sum(loan\_amount) As Total\_Funded\_Amount,

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

From bank\_loan\_data

Group by emp\_length

Order by emp\_length



Purpose

Select

purpose,

count(id) as Total\_Loan\_Applications,

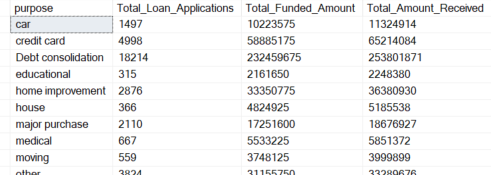
sum(loan\_amount) As Total\_Funded\_Amount,

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

From bank\_loan\_data

Group by purpose

Order by purpose



Home Ownership

Select

home\_ownership,

count(id) as Total\_Loan\_Applications,

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

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

From bank\_loan\_data

Group by home\_ownership

Order by home\_ownership

