**KPI’s**

1. **Total Loan Applications**

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



1. **MTD\_Total\_Loan\_Applications**

select count(id) as MTD\_Total\_Loan\_Applications from Bank\_loan\_data

Where issue\_date betwe

en '2021-12-01' and '2021-12-31'

OR

select count(id) as MTD\_Total\_Loan\_Applications from Bank\_loan\_data

Where Month(issue\_date)=12 and Year(issue\_date)=2021



1. **PMTD\_Total\_Loan\_Applications**

select count(id) as PMTD\_Total\_Loan\_Applications from Bank\_loan\_data

Where issue\_date between '2021-11-01' and '2021-11-30'



1. **Month on month calculations**:

(MTD-PMTD)/(PMTD)

1. **Total\_Funded\_amount**

select sum(loan\_amount) as Total\_Funded\_amount from Bank\_loan\_data



1. **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



1. **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



1. **Total\_Amount\_Received**

select sum(total\_payment) as Total\_Amount\_Received from Bank\_loan\_data





1. **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



1. **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),4)\*100 as Average\_interest\_rate from Bank\_loan\_data 

**MTD\_Average\_interest\_rate**

select round(AVG(int\_rate),4)\*100 as MTD\_Average\_interest\_rate from Bank\_loan\_data



**PMTD\_Average\_interest\_rate**

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



**MTD\_Ave\_DTI**

select round(AVG(dti),4)\*100 as MTD\_Ave\_DTI from Bank\_loan\_data

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



**PMTD\_Ave\_DTI**

select round(AVG(dti),4)\*100 as MTD\_Ave\_DTI from Bank\_loan\_data

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



**Good Loan**

**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\_Amt**

select sum(loan\_amount) as Good\_Loan\_Funded\_Amt from Bank\_loan\_data

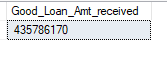
where loan\_status = 'Fully Paid' or loan\_status = 'Current'



**Good\_Loan\_Amt\_received**

select sum(total\_payment) as Good\_Loan\_Amt\_received from Bank\_loan\_data

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



**BAD LOAN ISSUES**

**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\_applications**

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

where loan\_status = 'Charged off'

**Bad\_loan\_Funded\_Amt**

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

where loan\_status = 'Charged off'



**Bad\_loan\_Amt\_received**

select sum(total\_payment) as Bad\_loan\_Amt\_received 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\_RECEIVED\_AMT,

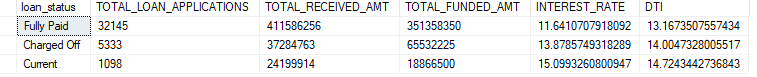
sum(loan\_amount) as TOTAL\_FUNDED\_AMT,

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\_TOTAL\_LOAN\_APPLICATIONS,

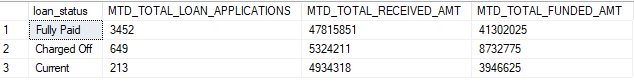
sum(Total\_payment) as MTD\_TOTAL\_RECEIVED\_AMT,

sum(loan\_amount) as MTD\_TOTAL\_FUNDED\_AMT

from Bank\_loan\_data

WHERE MONTH(issue\_date) = 12 and year(issue\_date) = 2021

group by loan\_status



select

month(issue\_date) as Month\_No,

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

count(id) as MTD\_TOTAL\_LOAN\_APPLICATIONS,

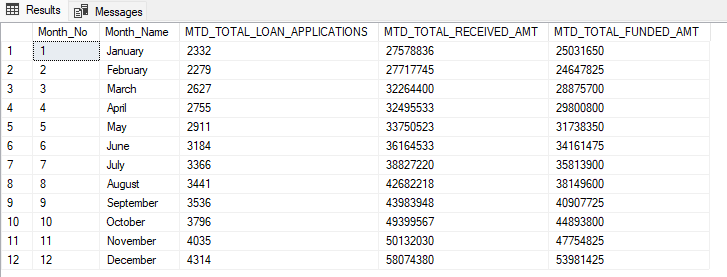
sum(Total\_payment) as MTD\_TOTAL\_RECEIVED\_AMT,

sum(loan\_amount) as MTD\_TOTAL\_FUNDED\_AMT

from Bank\_loan\_data

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

order by month(issue\_date)

****

select

address\_state as STATE,

count(id) as MTD\_TOTAL\_LOAN\_APPLICATIONS,

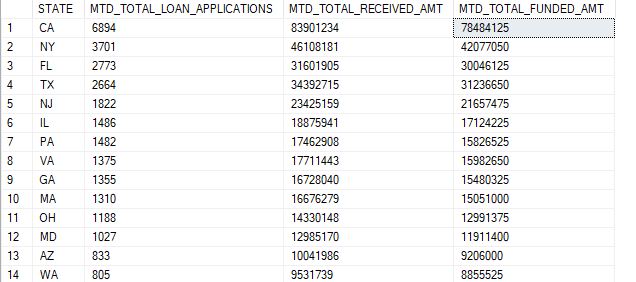
sum(Total\_payment) as MTD\_TOTAL\_RECEIVED\_AMT,

sum(loan\_amount) as MTD\_TOTAL\_FUNDED\_AMT

from Bank\_loan\_data

group by address\_state

order by count(id) desc

****

select

term as TERM,

count(id) as TOTAL\_LOAN\_APPLICATIONS,

sum(Total\_payment) as TOTAL\_RECEIVED\_AMT,

sum(loan\_amount) as TOTAL\_FUNDED\_AMT

from Bank\_loan\_data

group by term

order by term

****

select

emp\_length,

count(id) as TOTAL\_LOAN\_APPLICATIONS,

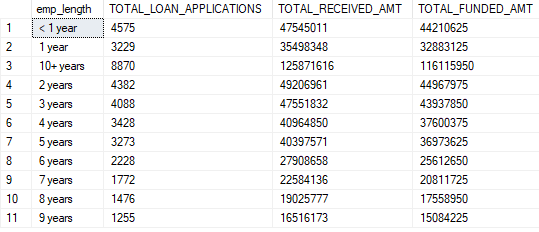
sum(Total\_payment) as TOTAL\_RECEIVED\_AMT,

sum(loan\_amount) as TOTAL\_FUNDED\_AMT

from Bank\_loan\_data

group by emp\_length

order by emp\_length

****

select

purpose,

count(id) as TOTAL\_LOAN\_APPLICATIONS,

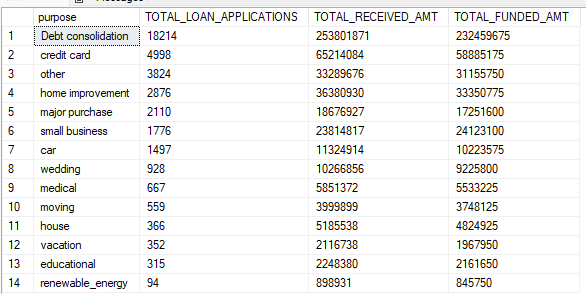
sum(Total\_payment) as TOTAL\_RECEIVED\_AMT,

sum(loan\_amount) as TOTAL\_FUNDED\_AMT

from Bank\_loan\_data

group by purpose

order by count(id) desc

****

select

home\_ownership,

count(id) as TOTAL\_LOAN\_APPLICATIONS,

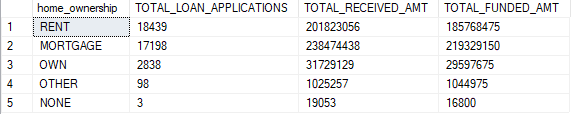
sum(Total\_payment) as TOTAL\_RECEIVED\_AMT,

sum(loan\_amount) as TOTAL\_FUNDED\_AMT

from Bank\_loan\_data

group by home\_ownership

order by count(id) desc

****

select

home\_ownership,

count(id) as TOTAL\_LOAN\_APPLICATIONS,

sum(Total\_payment) as TOTAL\_RECEIVED\_AMT,

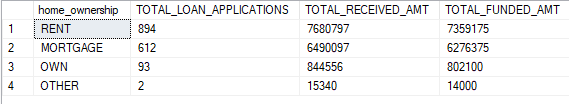
sum(loan\_amount) as TOTAL\_FUNDED\_AMT

from Bank\_loan\_data

where grade= 'A' and address\_state= 'CA'

group by home\_ownership

order by count(id) desc

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