1. **BANK LOAN REPORT | SUMMARY**

**KPI’s :**

1. **Total Loan Applications**

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



**MTD Loan Applications**

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

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

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**PMTD Loan Applications**

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



**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

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1. **Total Amount Received**

SELECT SUM(total\_payment) AS Total\_Amount\_Recieved FROM bank\_loan\_data



**MTD Total Amount Received**

select sum(total\_payment) as MTD\_total\_Amount\_Recieved 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\_Recieved from bank\_loan\_data

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

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1. **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

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

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**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



1. **Average Debt-to-Income Ratio**

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



**MTD Average Debt-to-Income Ratio**

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 Average Debt-to-Income Ratio**

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

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

****

1. **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 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 Recieved Amount**

select sum(total\_payment) as Good\_Loan\_Recieved\_Amount from bank\_loan\_data

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



1. **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 Applications**

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

where loan\_status = 'Charged Off'

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**Bad Loan Funded Amount**

select sum(loan\_amount) as Bad\_Loan\_Funded\_Amount from bank\_loan\_data

where loan\_status = 'Charged Off'

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**Bad Loan Recieved Amount**

select sum(total\_payment) as Bad\_Loan\_Recieved\_Amount from bank\_loan\_data

where loan\_status = 'Charged Off'

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1. **LOAN STATUS GRID VIEW**

select loan\_status,

count(id) as Total\_loan\_applications,

sum(total\_payment) as Total\_Recieved\_Amount,

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 Amt\_funded\_vs\_amt\_recieved**

select loan\_status,

sum(total\_payment) as MTD\_Total\_Recieved\_Amount,

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

from bank\_loan\_data

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

group by loan\_status

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1. **BANK LOAN REPORT | OVERVIEW**
2. **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\_Recieved\_Amount

from bank\_loan\_data

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

order by MONTH(issue\_date)

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1. **Regional Analysis by State**

select address\_state as State,

count(id) as Total\_Loan\_Applications,

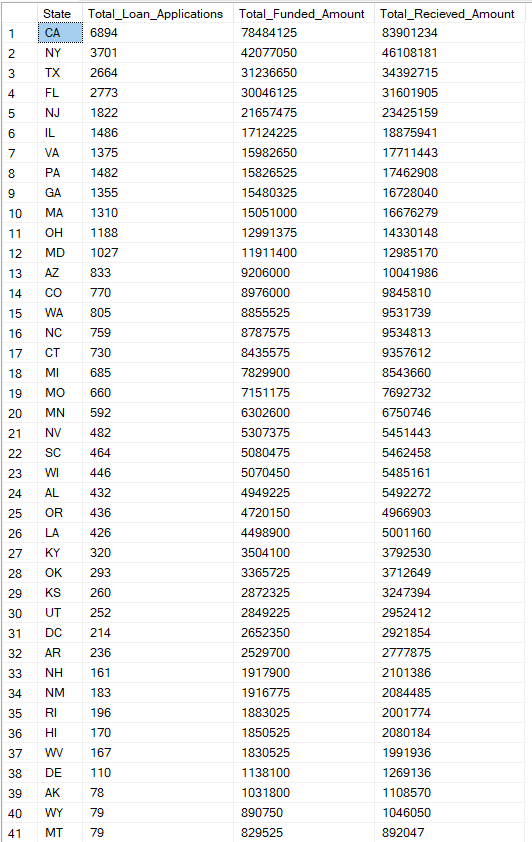
SUM(loan\_amount) as Total\_Funded\_Amount,

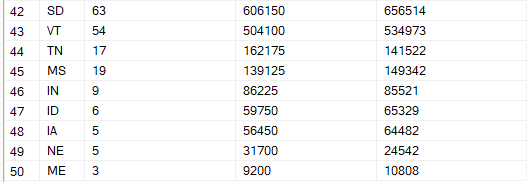
sum(total\_payment) as Total\_Recieved\_Amount

from bank\_loan\_data

group by address\_state

order by Total\_Funded\_Amount desc

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1. **Loan Term Analysis**

select term as Loan\_Term,

count(id) as Total\_Loan\_Applications,

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

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

from bank\_loan\_data

group by term

order by term

****

1. **Employee Length Analysis**

select emp\_length as Employee\_Length,

count(id) as Total\_Loan\_Applications,

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

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

from bank\_loan\_data

group by emp\_length

order by emp\_length

****

1. **Loan Purpose Breakdown**

select purpose as Purpose,

count(id) as Total\_Loan\_Applications,

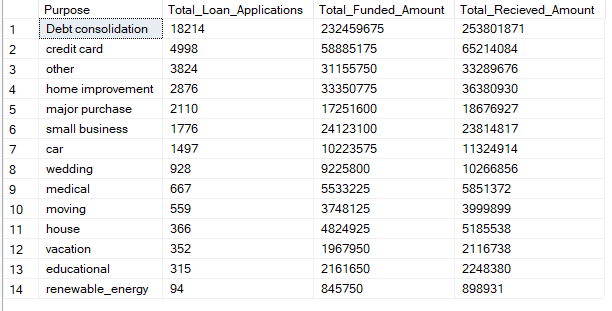
SUM(loan\_amount) as Total\_Funded\_Amount,

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

from bank\_loan\_data

group by purpose

order by Total\_Loan\_Applications desc

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1. **Home Ownership Analysis**

select home\_ownership as Home\_Ownership,

count(id) as Total\_Loan\_Applications,

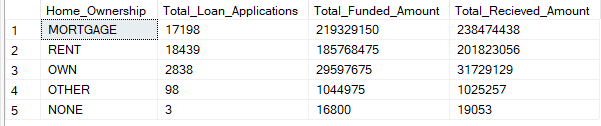
SUM(loan\_amount) as Total\_Funded\_Amount,

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

from bank\_loan\_data

group by home\_ownership

order by Total\_Recieved\_Amount desc

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