**Financial Domain Query Report**

1. **Bank Loan Report - Summary**

**KPI’s:**

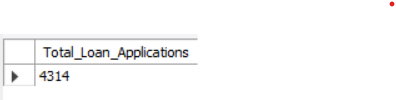
**Total Loan Applications:**

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



**MTD Loan Applications:**

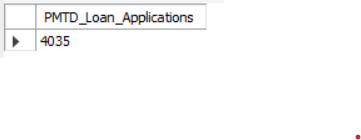
select count(id) as MTD\_Loan\_Applications from financial\_loan

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

**PMTD Loan Applications:**

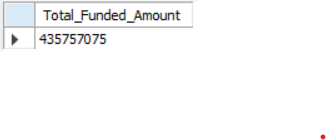
select count(id) as PMTD\_Loan\_Applications from financial\_loan

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



**Total Funded Amount:**

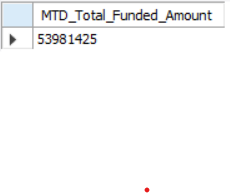
select sum(loan\_amount) as Total\_Funded\_Amount from financial\_loan



**MTD Total Funded Amount:**

select sum(loan\_amount) as MTD\_Total\_Funded\_Amount from financial\_loan

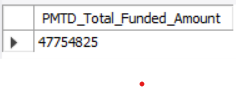
where month(issue\_date) = 12 and year(issue\_date) = 2021

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**PMTD Total Funded Amount:**

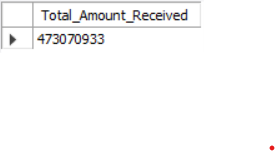
select sum(loan\_amount) as PMTD\_Total\_Funded\_Amount from financial\_loan

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



**Total Amount Received:**

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



**MTD Total Amount Received:**

select sum(total\_payment) as MTD\_Total\_Amount\_Received from financial\_loan

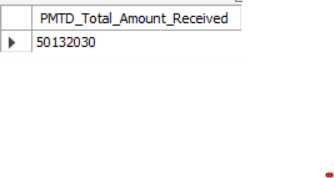
where month(issue\_date) = 12 and year(issue\_date) = 2021



**PMTD Total Amount Received:**

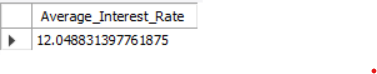
select sum(total\_payment) as PMTD\_Total\_Amount\_Received from financial\_loan

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



**Average Interest Rate:**

select avg(int\_rate) \* 100 as Average\_Interest\_Rate from financial\_loan

****

**MTD Average Interest Rate:**

select avg(int\_rate) \* 100 as MTD\_Average\_Interest\_Rate from financial\_loan

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

****

**PMTD Average Interest Rate:**

select avg(int\_rate) \* 100 as PMTD\_Average\_Interest\_Rate from financial\_loan

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

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**Average DTI:**

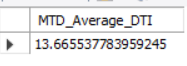
select avg(dti) \* 100 as Average\_DTI from financial\_loan



**MTD Average DTI:**

select avg(dti) \* 100 as Average\_DTI from financial\_loan

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



**PMTD Average DTI:**

select avg(dti) \* 100 as Average\_DTI from financial\_loan

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



**GOOD LOAN ISSUED:**

**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 financial\_loan



**Good Loan Applications:**

selectcount(id) as Good\_Loan\_Applications from financial\_loan

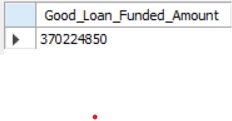
where loan\_status = "Fully Paid" or loan\_status = "Current"



**Good Loan Funded Amount:**

selectsum(loan\_amount) as Good\_Loan\_Funded\_Amount from financial\_loan

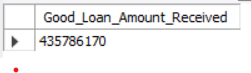
where loan\_status = "Fully Paid" or loan\_status = "Current"

****

**Good Loan Amount Received:**

selectsum(total\_payment) as Good\_Loan\_Amount\_Received from financial\_loan

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

****

**BAD LOAN ISSUED:**

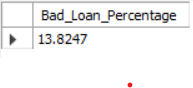
**Bad Loan Percentage:**

select

(count(case when loan\_status = "Charged Off" then id end)\*100) /

count(id) as Bad\_Loan\_Percentage

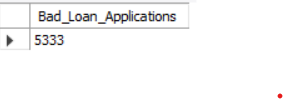
from financial\_loan

****

**Bad Loan Applications:**

selectcount(id) as Bad\_Loan\_Applications from financial\_loan

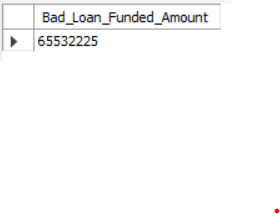
where loan\_status = "Charged Off"

****

**Bad Loan Funded Amount:**

selectsum(loan\_amount) as Bad\_Loan\_Funded\_Amount from financial\_loan

where loan\_status = "Charged Off"

****

**Bad Loan Amount Received:**

selectsum(total\_payment) as Bad\_Loan\_Amount\_Received from financial\_loan

where loan\_status = "Charged Off"

****

**LOAN STATUS:**

select loan\_status,

count(id) as Total\_Loan\_Aplications,

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

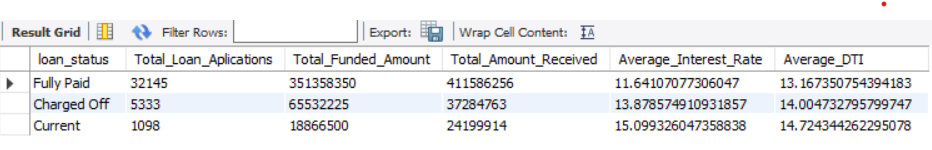
sum(total\_payment) as Total\_Amount\_Received,

avg(int\_rate) \* 100 as Average\_Interest\_Rate,

avg(dti) \* 100 as Average\_DTI

from financial\_loan

group by loan\_status



select loan\_status,

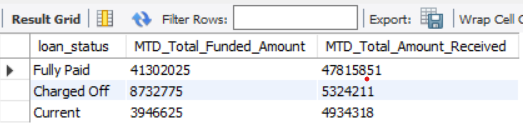
sum(loan\_amount) as Total\_Funded\_Amount,

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

from financial\_loan

where month(issue\_date) = 12

group by loan\_status



1. **Bank Loan Report – Overview**

**Month:**

select month(issue\_date) as Month\_Number,

monthname(issue\_date) as Month\_Name,

count(id) as Total\_Loan\_Applications,

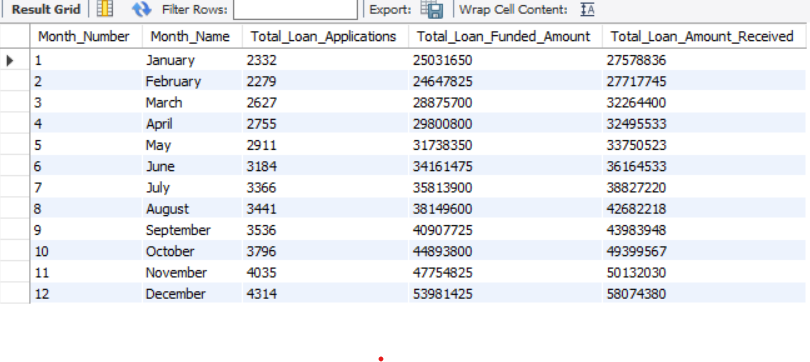
sum(loan\_amount) as Total\_Loan\_Funded\_Amount,

sum(total\_payment) as Total\_Loan\_Amount\_Received

from financial\_loan

group by month(issue\_date), monthname(issue\_date)

order by month(issue\_date)



**State:**

select address\_state as State,

count(id) as Total\_Loan\_Applications,

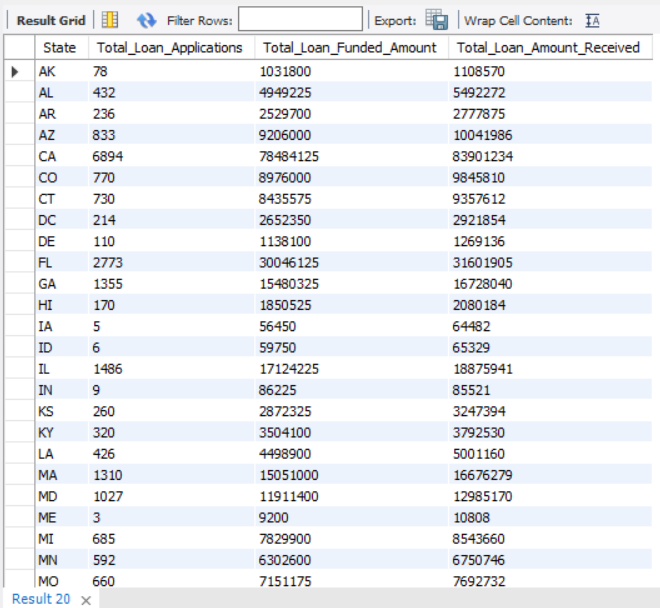
sum(loan\_amount) as Total\_Loan\_Funded\_Amount,

sum(total\_payment) as Total\_Loan\_Amount\_Received

from financial\_loan

group by address\_state

order by address\_state

****

**Term:**

select term as term,

count(id) as Total\_Loan\_Applications,

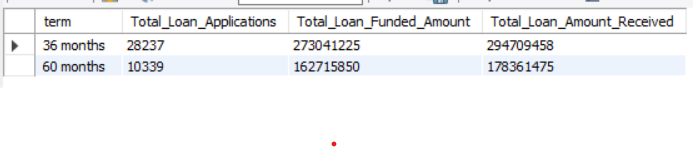
sum(loan\_amount) as Total\_Loan\_Funded\_Amount,

sum(total\_payment) as Total\_Loan\_Amount\_Received

from financial\_loan

group by term

order by term

****

**Employee Length:**

select emp\_length as Employee\_Length,

count(id) as Total\_Loan\_Applications,

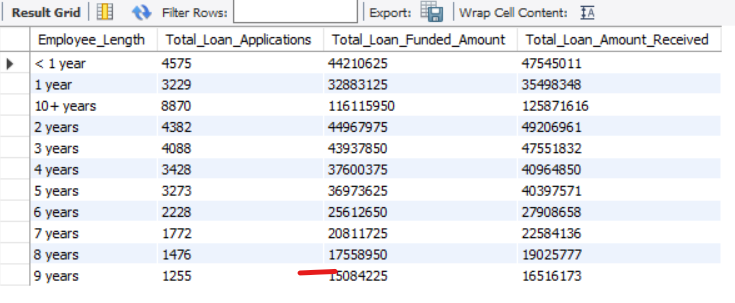
sum(loan\_amount) as Total\_Loan\_Funded\_Amount,

sum(total\_payment) as Total\_Loan\_Amount\_Received

from financial\_loan

group by emp\_length

order by emp\_length

****

**Purpose:**

select purpose as Purpose,

count(id) as Total\_Loan\_Applications,

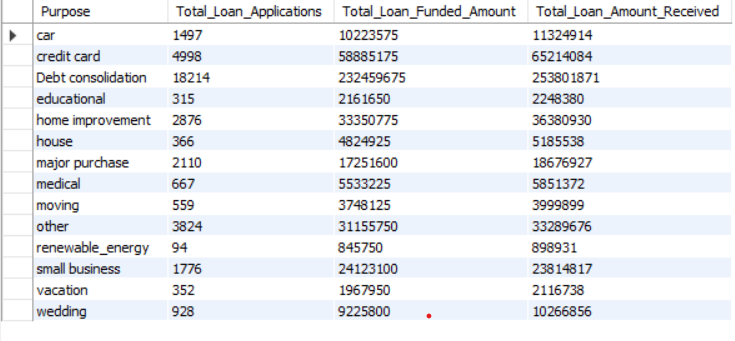
sum(loan\_amount) as Total\_Loan\_Funded\_Amount,

sum(total\_payment) as Total\_Loan\_Amount\_Received

from financial\_loan

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\_Loan\_Funded\_Amount,

sum(total\_payment) as Total\_Loan\_Amount\_Received

from financial\_loan

group by home\_ownership

order by home\_ownership

