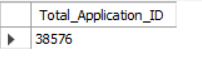
**BANK LOAN REPORT QUERY DOCUMENT**

1. **BANK LOAN REPORT | SUMMARY**

**KPI’s:**

select count(\*) as Total\_Application\_ID from financial\_loan;



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

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

A close-up of a computer screen

Description automatically generated

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

where month(issue\_date) =11;



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

A close up of numbers

Description automatically generated

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

where month(issue\_date)=12;

A screenshot of a computer

Description automatically generated

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

where month(issue\_date)=11;

A screenshot of a computer

Description automatically generated

Select sum(total\_payment) as Total\_Payment\_Recevied from financial\_loan;

A close up of a number

Description automatically generated

Select sum(total\_payment) as MTD\_Total\_Payment\_Recevied from financial\_loan

where month(issue\_date)=12;



Select sum(total\_payment) as PMTD\_Total\_Payment\_Recevied from financial\_loan

where month(issue\_date)=11;

A close up of a screen

Description automatically generated

select Round(avg(int\_rate),4) \* 100 as Average\_Interest\_Rate from financial\_loan;



select Round(avg(int\_rate),4) \* 100 as MTD\_Average\_Interest\_Rate from financial\_loan

where month(issue\_date)=12;

A close-up of a computer screen

Description automatically generated

select Round(avg(int\_rate),4) \* 100 as PMTD\_Average\_Interest\_Rate from financial\_loan

where month(issue\_date)=11;

A close-up of a number

Description automatically generated

select Round(avg(dti),4) \* 100 as Debt\_to\_Income from financial\_loan;

A close up of a number

Description automatically generated

select Round(avg(dti),4) \* 100 as MTD\_Debt\_to\_Income from financial\_loan

where month(issue\_date)=12;

A number and text on a white background

Description automatically generated

select Round(avg(dti),4) \* 100 as PTMD\_Debt\_to\_Income from financial\_loan

where month(issue\_date)=11;

A computer screen shot of a computer code

Description automatically generated

**GOOD LOAN ISSUED**

select

(count(case when loan\_status = 'Fully Paid' or loan\_status = 'Current' then id end))

/ count(id) \*100 as Good\_loan\_Percentage

from financial\_loan;



select count(id) as Good\_loan\_Application from financial\_loan

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



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

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



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

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



**BAD LOAN ISSUED**

select

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

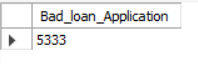
/ count(id) as Bad\_loan\_Percentage

from financial\_loan;



select count(id) as Bad\_loan\_Application from financial\_loan

where loan\_status='Charged Off';



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

where loan\_status ='Charged Off';



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

where loan\_status = 'Charged Off';



**LOAN STATUS**

select loan\_status,count(id) as Total\_loan\_Application,

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

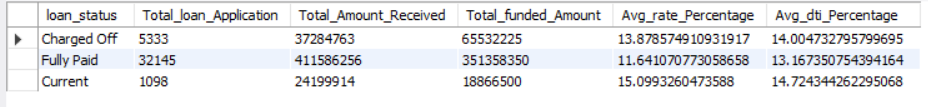
sum(loan\_amount) as Total\_funded\_Amount,

avg(int\_rate \* 100) as Avg\_rate\_Percentage,

avg(dti \* 100) as Avg\_dti\_Percentage

from financial\_loan

group by loan\_status;



select loan\_status,

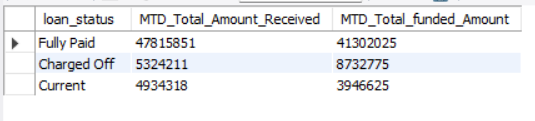
sum(total\_payment) as MTD\_Total\_Amount\_Received,

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

from financial\_loan

where month(issue\_date) = 12

group by loan\_status;



1. **BANK LOAN REPORT | OVERVIEW**

**MONTH**

select month(issue\_date) as Month\_No ,Date\_Format(issue\_date, '%M') as Month\_Name,

count(id) as Total\_Application,

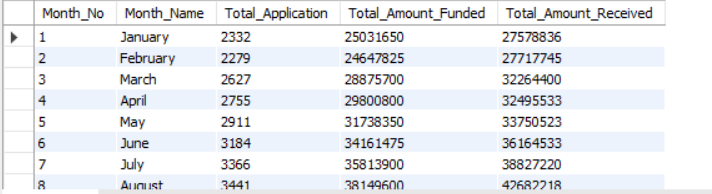
sum(loan\_amount) as Total\_Amount\_Funded,

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

from financial\_loan

group by Month\_No,Month\_Name

order by Month\_No,Month\_Name;



**STATE**

select address\_state,

count(id) as Total\_Application,

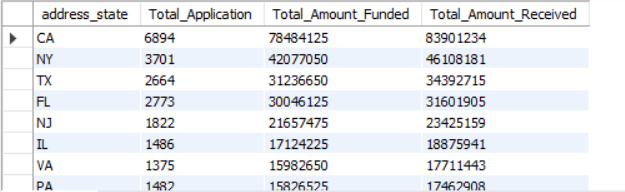
sum(loan\_amount) as Total\_Amount\_Funded,

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

from financial\_loan

group by address\_state

order by Total\_Amount\_Funded desc;



**TERM**

SELECT term AS Term,

COUNT(id) AS Total\_Loan\_Applications,

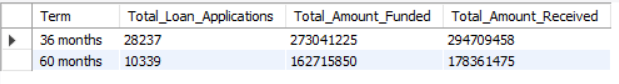
SUM(loan\_amount) AS Total\_Amount\_Funded,

SUM(total\_payment) AS Total\_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,

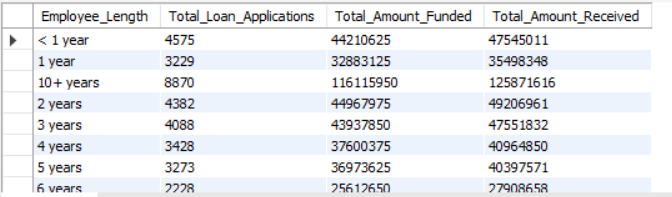
SUM(loan\_amount) AS Total\_Amount\_Funded,

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

FROM financial\_loan

GROUP BY emp\_length

ORDER BY emp\_length



**PURPOSE**

select purpose,

count(id) as Total\_Application,

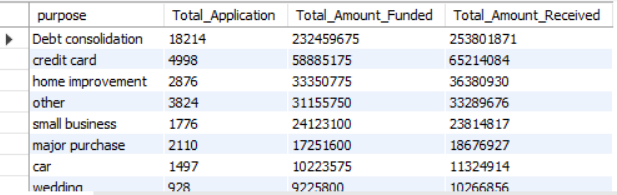
sum(loan\_amount) as Total\_Amount\_Funded,

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

from financial\_loan

group by purpose

order by Total\_Amount\_Funded desc;



**HOME OWNERSHIP**

select home\_ownership,

count(id) as Total\_Application,

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

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

from financial\_loan

group by home\_ownership

order by Total\_Amount\_Funded desc;

