**BANK LOAN REPORT QUERY DOCUMENT**

**BANK LOAN REPORT | SUMMARY**

**KPI’s**:

**Total Loan Applications**

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



**MTD Loan Applications**

select count(id) as Total\_Applications from financial\_loan where month(issue\_date) = 12;



**PMTD Loan Applications**  
select count(id) as Total\_Applications from financial\_loan where month(issue\_date) = 11;



**Total Funded Amount**

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



**MTD Total Funded Amount**

select sum(loan\_amount) as Total\_Funded\_Amount from financial\_loan where month(issue\_date) = 12;



**PMTD Total Funded Amount**

select sum(loan\_amount) as Total\_Funded\_Amount from financial\_loan where month(issue\_date) = 11;



**Total Amount Received**

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



**MTD Total Amount Received**

select sum(total\_payment) as Total\_Amount\_Collected from financial\_loan where month(issue\_date) = 12;



**PMTD Total Amount Received**

select sum(total\_payment) as Total\_Amount\_Collected from financial\_loan where month(issue\_date) = 11;



**Average Interest Rate**

select avg(int\_rate)\*100 as avg\_Int\_Rate from financial\_loan;



select CONCAT(round(avg(int\_rate)\*100,2),'%') as avg\_Int\_Rate from financial\_loan;



**MTD Average Interest**

select avg(int\_rate)\*100 as MTD\_avg\_Int\_Rate from financial\_loan where month(issue\_date) = 12; 

select CONCAT(round(avg(int\_rate)\*100,2),'%') as MTD\_avg\_Int\_Rate from financial\_loan where month(issue\_date) = 12;



**PMTD Average Interest**

select avg(int\_rate)\*100 as PMTD\_avg\_Int\_Rate from financial\_loan where month(issue\_date) = 11; 

select CONCAT(round(avg(int\_rate)\*100,2),'%') as PMTD\_avg\_Int\_Rate from financial\_loan where month(issue\_date) = 11;



**Avg DTI**

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



select CONCAT(round(avg(dti)\*100,2),'%') as avg\_DTI from financial\_loan;



**MTD Avg DTI**

select avg(dti)\*100 as MTD\_avg\_DTI from financial\_loan where month(issue\_date) = 12; 

select CONCAT(round(avg(dti)\*100,2),'%') as MTD\_avg\_DTI from financial\_loan where month(issue\_date) = 12;



**PMTD Avg DTI**

select avg(dti)\*100 as PMTD\_avg\_DTI from financial\_loan where month(issue\_date) = 11; 

select CONCAT(round(avg(dti)\*100,2),'%') as PMTD\_avg\_DTI from financial\_loan where month(issue\_date) = 11;



**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 financial\_loan;



**Good Loan Applications**

select count(id) as Good\_Loan\_Applications from financial\_loan where loan\_status = 'Fully Paid' or loan\_status = 'Current';



**Good Loan Funded Amount**

select sum(loan\_amount) as Good\_Loan\_Funded\_amount from financial\_loan where loan\_status = 'Fully Paid' or loan\_status = 'Current';



**Good Loan Amount Received**

select sum(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) \* 100.0) /

count(id) as Bad\_Loan\_Percentage

from financial\_loan;



**Bad Loan Applications**

select count(id) as Bad\_Loan\_Applications from financial\_loan where loan\_status = 'Charged Off';



**Bad Loan Funded Amount**

select sum(loan\_amount) as Bad\_Loan\_Funded\_amount from financial\_loan where loan\_status = 'Charged Off';



**Bad Loan Amount Received**

select sum(total\_payment) as Bad\_Loan\_amount\_received from financial\_loan where loan\_status = 'Charged Off';



**LOAN STATUS**

select

loan\_status,

count(id) as Loancount,

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

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

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

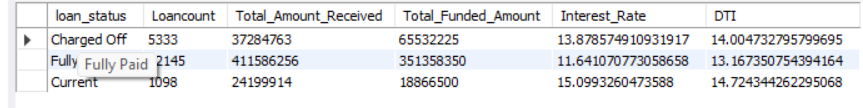
avg(dti \* 100) as DTI

from

financial\_loan

group by

loan\_status;



select

loan\_status,

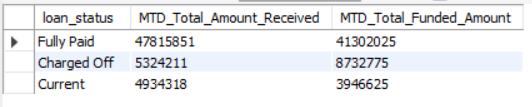
sum(total\_payment) as MTD\_Total\_Amount\_Received,

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

from financial\_loan

where month(issue\_date) = 12

group by loan\_status;



**BANK LOAN REPORT | OVERVIEW**

**MONTH**

select

month(issue\_date) as month\_Munber,

MONTHNAME(issue\_date) as month\_name,

count(id) as Total\_Loan\_Applications,

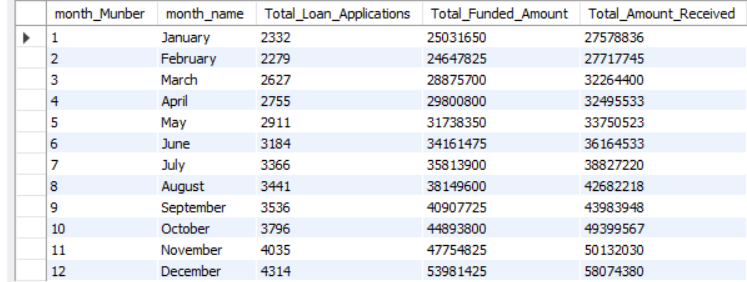
sum(loan\_amount) as Total\_Funded\_Amount,

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

from 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,

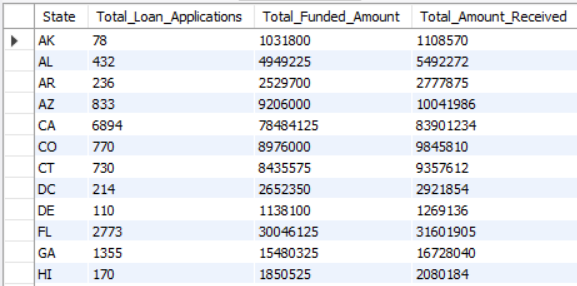
sum(loan\_amount) as Total\_Funded\_Amount,

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

from financial\_loan

group by address\_state

order by address\_state;



**TERM**

select

term as Term,

count(id) as Total\_Loan\_Applications,

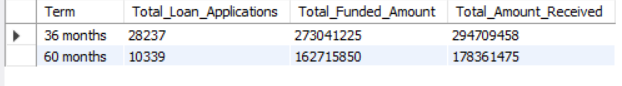
sum(loan\_amount) as Total\_Funded\_Amount,

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,

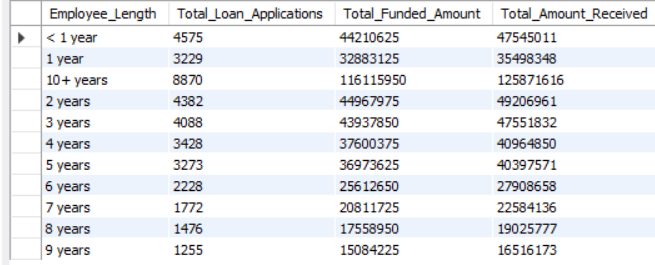
sum(loan\_amount) as Total\_Funded\_Amount,

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

from financial\_loan

group by emp\_length

order by emp\_length;



**PURPOSE**

select

purpose as PURPOSE,

count(id) as Total\_Loan\_Applications,

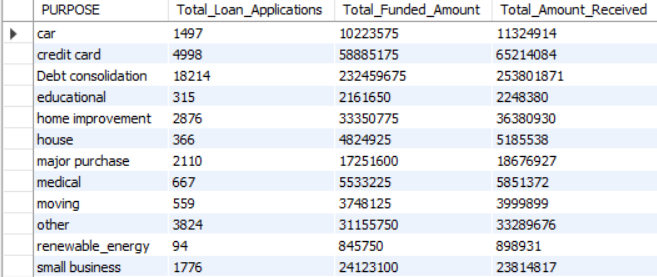
sum(loan\_amount) as Total\_Funded\_Amount,

sum(total\_payment) as Total\_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,

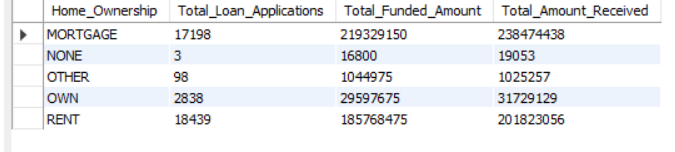
sum(loan\_amount) as Total\_Funded\_Amount,

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

from financial\_loan

group by home\_ownership

order by home\_ownership;



Note: We have applied multiple Filters on all the dashboards. You can check the results for the filters as well by modifying the query and comparing the results.

For e.g

See the results when we hit the Grade A in the filters for dashboards.

select

purpose as PURPOSE,

count(id) as Total\_Loan\_Applications,

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

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

from financial\_loan

where grade = 'A'

group by purpose

order by purpose;

