**BANK LOAN REPORT QUERY DOCUMENT**

1. **BANK LOAN REPORT | SUMMARY**

**KPI’s:**

**Total Loan Applications**

Select count(id) as total\_application

from project..bank\_loan\_data;

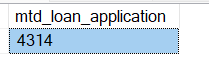


**MTD Loan Applications**

select count(\*) as mtd\_loan\_application

from project..financialloandata

where month(issue\_date) = 12;

****

**Total Funded Amount**

Select sum(loan\_amount) as total\_loan\_amount

From project..financialloandata;

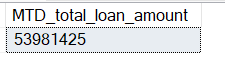
****

**MTD Total Funded Amount**

Select sum(loan\_amount) as MTD\_total\_loan\_amount

From project..financialloandata

Where month(issue\_date) = 12;

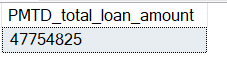
****

**PMTD Total Funded Amount**

select sum(loan\_amount) as PMTD\_total\_loan\_amount

from project..financialloandata

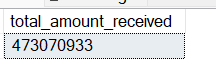
where month(issue\_date) = 11;

****

**Total Amount Received**

Select sum(total\_payment) as total\_amount\_received

From project..financialloandata;



**MTD Total Amount Received**

Select sum(total\_payment) as total\_amount\_received

From project..financialloandata

Where Month(issue\_date) = 12;

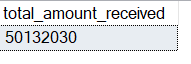


**PMTD Total Amount Received**

Select sum(total\_payment) as total\_amount\_received

From project..financialloandata

Where Month(issue\_date) = 11;



**Average Interest Rate**

Select Round(Avg(int\_rate)\*100,3) as Avg\_Interest\_Rate

From project..financialloandata;



**MTD Average Interest**

Select Round(Avg(int\_rate)\*100,3) as Avg\_Interest\_Rate

From project..financialloandata

Where Month(issue\_date) = 12;



**PMTD Average Interest**

Select Round(Avg(int\_rate)\*100,3) as Avg\_Interest\_Rate

From project..financialloandata

Where Month(issue\_date) = 11;



**Avg DTI**

SELECT Round(AVG(dti)\*100,3) AS Avg\_DTI

FROM project..financialloandata;



**MTD Avg DTI**

SELECT Round(AVG(dti)\*100,3) AS MTD\_Avg\_DTI

FROM project..financialloandata

WHERE MONTH(issue\_date) = 12;



**PMTD Avg DTI**

SELECT Round(AVG(dti)\*100,3) AS PMTD\_Avg\_DTI

FROM project..financialloandata

WHERE MONTH(issue\_date) = 11;



**GOOD LOAN ISSUED**

**Good Loan Percentage**

SELECT

ROUND(

(COUNT(CASE WHEN loan\_status = 'Fully Paid' OR loan\_status = 'Current' THEN id END)

\* 100.0) / COUNT(id),3) AS good\_loan\_percentage

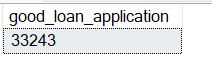
FROM project..financialloandata;



**Good Loan Applications**

Select count(\*) as good\_loan\_application

From project..financialloandata

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

**Good Loan Funded Amount**

Select sum(loan\_amount) as good\_loan\_amount

From project..financialloandata

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



**Good Loan Amount Received**

Select sum(total\_payment) as good\_loan\_amount\_received

From project..financialloandata

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 project..financialloandata

****

**Bad Loan Applications**

SELECT COUNT(id) AS Bad\_Loan\_Applications

From project..financialloandata

WHERE loan\_status = 'Charged Off'

****

**Bad Loan Funded Amount**

SELECT SUM(loan\_amount) AS Bad\_Loan\_Funded\_amount

From project..financialloandata

WHERE loan\_status = 'Charged Off'

****

**Bad Loan Amount Received**

SELECT SUM(total\_payment) AS Bad\_Loan\_amount\_received

From project..financialloandata

WHERE loan\_status = 'Charged Off'

****

**LOAN STATUS**

Select loan\_status,

count(loan\_status) as total\_loan\_status,

sum(loan\_amount) as total\_loan\_amount,

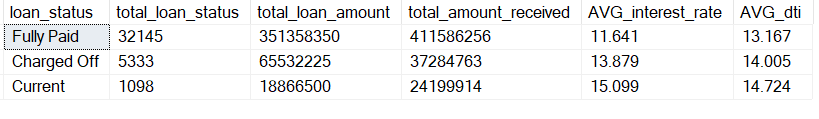
sum(total\_payment) as total\_amount\_received,

Round(AVG(int\_rate)\*100,3) as AVG\_interest\_rate,

Round(AVG(dti)\*100,3) as AVG\_dti

From project..financialloandata

Group by loan\_status;



**MTD Loan Status**

Select loan\_status,

count(loan\_status) as total\_loan\_status,

sum(loan\_amount) as total\_loan\_amount,

sum(total\_payment) as total\_amount\_received,

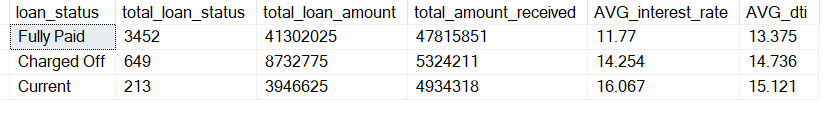
Round(AVG(int\_rate)\*100,3) as AVG\_interest\_rate,

Round(AVG(dti)\*100,3) as AVG\_dti

From project..financialloandata

Where Month(issue\_date) = 12

Group by loan\_status;

****

**BANK LOAN REPORT | OVERVIEW**

Select

Month(issue\_date) as Month\_Number,

DATENAME(Month,issue\_date) as [Month],

count(id) as total\_application,

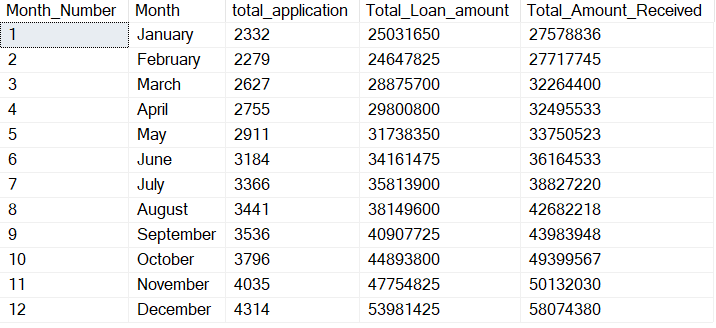
sum(loan\_amount) as Total\_Loan\_amount,

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

From project..financialloandata

Group by Month(issue\_date),DATENAME(Month,issue\_date)

Order by Month(issue\_date);



**STATE**

Select address\_state,

count(id) as total\_application,

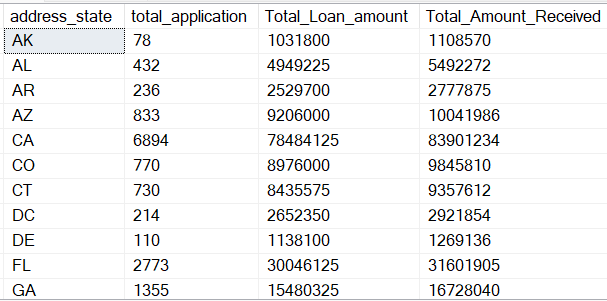
sum(loan\_amount) as Total\_Loan\_amount,

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

From project..financialloandata

Group by address\_state

Order by address\_state;



**EMPLOYEE LENGTH**

Select emp\_length,

count(id) as total\_application,

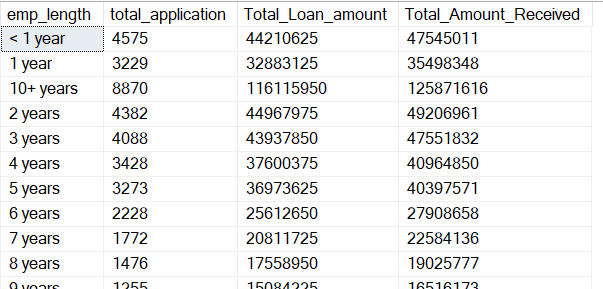
sum(loan\_amount) as Total\_Loan\_amount,

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

From project..financialloandata

Group by emp\_length

Order by emp\_length;



**PURPOSE**

Select purpose,

count(id) as total\_application,

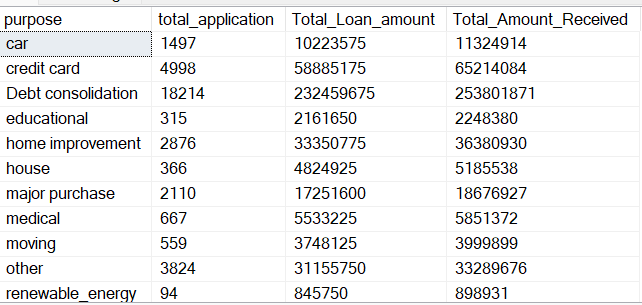
sum(loan\_amount) as Total\_Loan\_amount,

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

From project..financialloandata

Group by purpose

Order by purpose;

****

**HOME OWNERSHIP**

Select home\_ownership,

count(id) as total\_application,

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

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

From project..financialloandata

Group by home\_ownership

Order by home\_ownership;

