**BANK LOAN REPORT QUERY DOCUMENT**

**A.BANK LOAN REPORT | SUMMARY**

**KPI’s:**

**Total Loan Applications**

select count(id) as Total\_Loan\_Applications from financial\_loan1

A screenshot of a computer

Description automatically generated

**MTD Loan Applications**

select count(id) as Total\_Loan\_Applications from financial\_loan1 where month(issue\_date ) =12;

A screen shot of a computer

Description automatically generated

**PMTD Loan Applications**

select count(id) as PMTD\_Total\_Loan\_Applications from financial\_loan1 where month(issue\_date ) =11;

A screen shot of a computer

Description automatically generated

**Total Funded Amount**

select sum(loan\_amount) as Total\_Funded\_Amount from financial\_loan1



**MTD Total Funded Amount**

select sum(loan\_amount) as MTD\_Total\_Funded\_Amount from financial\_loan1 where month(issue\_date) = 12 and year(issue\_date)=2021



**PMTD Total Funded Amount**

select sum(loan\_amount) as PMTD\_Total\_Funded\_Amount from financial\_loan1 where month(issue\_date) = 11 and year(issue\_date)=2021

A white background with black text

Description automatically generated

**Total Amount Received**

select sum(total\_payment) as Total\_Amount\_Collected from financial\_loan1



**MTD Total Amount Received**

select sum(total\_payment) as MTD\_Total\_Amount\_Collected from financial\_loan1 where month(issue\_date) = 12 and year(issue\_date)=2021;

A screenshot of a computer

Description automatically generated

**PMTD Total Amount Received**

select sum(total\_payment) as PMTD\_Total\_Amount\_Collected from financial\_loan1 where month(issue\_date) = 11 and year(issue\_date)=2021;



**Average Interest Rate**

select round(avg(int\_rate) \* 100,3) as Avg\_Interest\_Rate from financial\_loan1



**MTD Average Interest Rate**

select round(avg(int\_rate) \* 100,3) as MTD\_Avg\_Interest\_Rate from financial\_loan1 where month(issue\_date) = 12 and year(issue\_date)=2021;



**PMTD Average Interest Rate**

select round(avg(int\_rate) \* 100,3) as PMTD\_Avg\_Interest\_Rate from financial\_loan1 where month(issue\_date) = 11 and year(issue\_date)=2021;



**Avg DTI**

select avg(dti) \* 100 as Avg\_DTI from financial\_loan1



**MTD Avg DTI**

select avg(dti) \* 100 as MTD\_Avg\_DTI from financial\_loan1 where month(issue\_date) = 12 and year(issue\_date)=2021;



**PMTD Avg DTI**

select avg(dti) \* 100 as PMTD\_Avg\_DTI from financial\_loan1 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) \* 100.0) /

COUNT(id) AS Good\_Loan\_Percentage

FROM financial\_loan1

A close up of a number

Description automatically generated

**Good Loan Applications**

select count(id) as Good\_Loan\_Applications from financial\_loan1 where loan\_status = 'Fully Paid' or loan\_status = 'Current'

A computer screen shot of a computer screen

Description automatically generated

**Good Loan Funded Amount**

select sum(loan\_amount) as Good\_Loan\_Funded\_Amount from financial\_loan1 where loan\_status = 'Fully Paid' or loan\_status = 'Current'

A close up of a number

Description automatically generated

**Good Loan Amount Received**

select sum(total\_payment) as Good\_Loan\_Received\_Amount from financial\_loan1 where loan\_status = 'Fully Paid' or loan\_status = 'Current'

A close up of a message

Description automatically generated

**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\_loan1

A close-up of a computer screen

Description automatically generated

**Bad Loan Applications**

select count(id) as Bad\_Loan\_Applications from financial\_loan1 where loan\_status = 'Charged Off'

A computer screen shot of a computer screen

Description automatically generated

**Bad Loan Funded Amount**

select sum(loan\_amount) as Bad\_Loan\_Funded\_Amount from financial\_loan1 where loan\_status = 'Charged Off'



**Bad Loan Amount Received**

select sum(total\_payment) as Bad\_Loan\_Received\_Amount from financial\_loan1 where loan\_status = 'Charged Off'

A screenshot of a computer

Description automatically generated

**LOAN STATUS**

select

loan\_status,

count(id) as Total\_Loan\_Applications,

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\_loan1

group by loan\_status

A screenshot of a number

Description automatically generated

select

loan\_status,

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

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

from

financial\_loan1

where month(issue\_date) = 12

group by loan\_status

A screen shot of a computer

Description automatically generated

**B.BANK LOAN REPORT | OVERVIEW**

**MONTH**

select

month(issue\_date) as Month\_Number,

monthname(issue\_date)as Month\_Name,

count(id) as Total\_Loan\_Application,

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

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

from financial\_loan1

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

order by month(issue\_date)

A screenshot of a computer

Description automatically generated

**STATE**

select

address\_state as State,

count(id) as Total\_Loan\_Application,

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

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

from financial\_loan1

group by address\_state

order by address\_state

A screenshot of a computer

Description automatically generated

**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\_loan1

GROUP BY term

ORDER BY term

A screenshot of a computer

Description automatically generated

**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\_loan1

GROUP BY emp\_length

ORDER BY emp\_length

A screenshot of a computer

Description automatically generated

**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\_loan1

GROUP BY purpose

ORDER BY purpose

A screenshot of a computer

Description automatically generated

**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\_loan1

GROUP BY home\_ownership

ORDER BY home\_ownership

A screenshot of a computer

Description automatically generated