**BANK LOAN REPORT QUERY DOCUMENT**

1. **BANK LOAN REPORT | SUMMARY**

**KPI’s:**

1. **Total Loan Applications**

SELECT COUNT(id) as Total\_Applications FROM financial\_loan;

A close up of a sign

Description automatically generated

1. **MTD Loan Applications**

SELECT COUNT(id) AS MTD\_Total\_Loan\_Applications

FROM financial\_loan

WHERE MONTH(issue\_date) = (SELECT

MONTH(MAX(issue\_date))

FROM financial\_loan);

A close up of a sign

Description automatically generated

1. **MOM Loan Applications**

SELECT COUNT(id) AS PMTD\_Total\_Loan\_Applications

FROM financial\_loan

WHERE MONTH(issue\_date) = (SELECT

MONTH(MAX(issue\_date))-1

FROM financial\_loan);

A black text on a white background

Description automatically generated

1. **Total Funded Amount**

SELECT SUM(loan\_amount) as Total\_funded\_amt

FROM financial\_loan;

A close up of numbers

Description automatically generated

1. **MTD Total Funded Amount**

SELECT

SUM(loan\_amount) AS MTD\_Total\_funded\_amt

FROM

financial\_loan

WHERE

MONTH(issue\_date) = (SELECT

MONTH(MAX(issue\_date))

FROM financial\_loan);

A black text on a white background

Description automatically generated

1. **PMTD Total Funded Amount**

SELECT

SUM(loan\_amount) AS PMTD\_Total\_funded\_amt

FROM

financial\_loan

WHERE

MONTH(issue\_date) = (SELECT

MONTH(MAX(issue\_date))-1

FROM financial\_loan);

A white background with black text

Description automatically generated

1. **Total Received Amount**

SELECT

SUM(total\_payment) AS Total\_amt\_rcvd

FROM financial\_loan;

A close up of a number

Description automatically generated

1. **MTD Total Received Amount**

SELECT

SUM(total\_payment) AS MTD\_Total\_amt\_rcvd

FROM

financial\_loan

WHERE

MONTH(issue\_date) = (SELECT

MONTH(MAX(issue\_date))

FROM financial\_loan);

A close up of a number

Description automatically generated

1. **PMTD Total Received Amount**

SELECT

SUM(total\_payment) AS PMTD\_Total\_amt\_rcvd

FROM

financial\_loan

WHERE

MONTH(issue\_date) = (SELECT

MONTH(MAX(issue\_date))-1

FROM financial\_loan);

A close up of a number

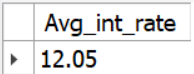
Description automatically generated

1. **Average Interest Rate**

SELECT

ROUND(AVG(int\_rate)\*100, 2) AS Avg\_int\_rate

FROM FINANCIAL\_LOAN;



1. **MTD Average Interest Rate**

SELECT

ROUND(AVG(int\_rate) \* 100, 2) AS MTD\_Avg\_int\_rate

FROM

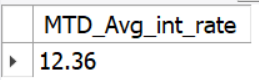
FINANCIAL\_LOAN

WHERE

MONTH(issue\_date) = (SELECT

MONTH(MAX(issue\_date))

FROM financial\_loan);



1. **PMTD Average Interest Rate**

SELECT

ROUND(AVG(int\_rate) \* 100, 2) AS PMTD\_Avg\_int\_rate

FROM

FINANCIAL\_LOAN

WHERE

MONTH(issue\_date) = (SELECT

MONTH(MAX(issue\_date))-1

FROM financial\_loan);

A close up of a sign

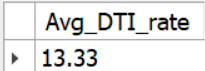
Description automatically generated

1. **Average DTI Rate**

SELECT

ROUND(AVG(dti) \* 100, 2) AS Avg\_DTI\_rate

FROM financial\_loan;



1. **MTD Average DTI Rate**

SELECT

ROUND(AVG(dti) \* 100, 2) AS MTD\_Avg\_DTI\_rate

FROM

financial\_loan

WHERE

MONTH(issue\_date) = (SELECT

MONTH(MAX(issue\_date))

FROM financial\_loan);

A close up of a text

Description automatically generated

1. **PMTD Average DTI Rate**

SELECT

ROUND(AVG(dti) \* 100, 2) AS PMTD\_Avg\_DTI\_rate

FROM

financial\_loan

WHERE

MONTH(issue\_date) = (SELECT

MONTH(MAX(issue\_date))-1

FROM financial\_loan);

A close up of a sign

Description automatically generated

1. **Good Loan Application 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;

A close up of a sign

Description automatically generated

1. **Good Loan Applications**

SELECT

COUNT(CASE

WHEN

loan\_status = 'Fully Paid' OR loan\_status = 'current'

THEN

id

END) AS Good\_Loan\_Application

FROM financial\_loan;

A close up of a sign

Description automatically generated

1. **Good Loan Funded Amount**

SELECT

SUM(CASE

WHEN

loan\_status = 'Fully Paid' OR loan\_status = 'current'

THEN loan\_amount

END) AS Good\_Loan\_Funded

FROM financial\_loan;

A close up of numbers

Description automatically generated

1. **Good Loan Total Received Amount**

SELECT

SUM(CASE

WHEN

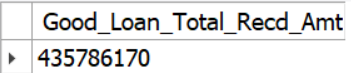
loan\_status = 'Fully Paid' OR loan\_status = 'current'

THEN

total\_payment

END) AS Good\_Loan\_Total\_Recd\_Amt

FROM financial\_loan;



1. **Bad Loan Application Percentage**

SELECT

ROUND(COUNT(CASE

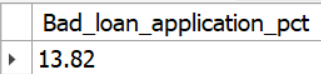
WHEN loan\_status = 'Charged Off' THEN id

END) / COUNT(id) \* 100,

2) AS Bad\_loan\_application\_pct

FROM

financial\_loan;



1. **Bad Loan Applications**

SELECT

COUNT(CASE

WHEN loan\_Status = 'Charged Off' THEN id

END) AS Bad\_loan\_applications

FROM

financial\_loan;

**A close up of a sign

Description automatically generated**

1. **Bad Loan Funded Amount**

SELECT

SUM(CASE

WHEN loan\_Status = 'Charged Off' THEN loan\_amount

END) AS Bad\_loan\_funded\_amount

FROM

financial\_loan;

**A close up of a sign

Description automatically generated**

1. **Bad Loan Total Received Amount**

SELECT

SUM(CASE

WHEN loan\_Status = 'Charged Off' THEN total\_payment

END) AS Bad\_loan\_recd\_amount

FROM

financial\_loan;

A close up of a number

Description automatically generated

**Loan Status:**

1. **Overall Status:**

SELECT

Loan\_Status,

COUNT(id) AS Loan\_Count,

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

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

round(AVG(int\_rate \* 100),2) AS Interest\_Rate,

round(AVG(dti \* 100),2) AS DTI

FROM financial\_loan

GROUP BY loan\_status;

A screenshot of a computer

Description automatically generated

1. **MTD 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) = (SELECT MONTH(MAX(issue\_date))

FROM financial\_loan)

GROUP BY loan\_status;

A screenshot of a computer

Description automatically generated

1. **BANK LOAN REPORT | OVERVIEW**

**MONTH**

SELECT

DATE\_FORMAT(issue\_date, '%m') AS Month\_number,

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 DATE\_FORMAT(issue\_date, '%m')

ORDER BY DATE\_FORMAT(issue\_date, '%m');

**A screenshot of a computer

Description automatically generated**

**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;

**A table of numbers and letters

Description automatically generated**

**TERM**

SELECT

term AS Term,

COUNT(id) AS Total\_Loan\_Applications,

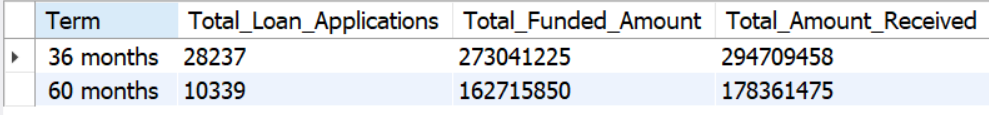
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM financial\_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;

A screenshot of a calculator

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\_loan

GROUP BY purpose

ORDER BY purpose;

**A screenshot of a data

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\_loan

GROUP BY home\_ownership

ORDER BY home\_ownership;

A screenshot of a computer

Description automatically generated