**BANK LOAN REPORT QUERY DOCUMENT**

1. **BANK LOAN REPORT | SUMMARY**

**KPI’s:**

**Total Loan Applications**

SELECT count(id) As Total\_loan\_applications FROM loandb.financial\_loan;

**MTD Loan Applications**

SELECT COUNT(id) AS MTD\_Total\_Applications

FROM loandb.financial\_loan

WHERE MONTH(STR\_TO\_DATE(issue\_date, '%Y-%m-%d')) = 12;



**PMTD Loan Applications**  
SELECT COUNT(id) AS PMTD\_Total\_Applications

FROM loandb.financial\_loan

WHERE MONTH(STR\_TO\_DATE(issue\_date, '%Y-%m-%d')) = 11;



**Total Funded Amount**

SELECT SUM(loan\_amount) AS Total\_Funded\_Amount FROM loandb.financial\_loan



**MTD Total Funded Amount**

SELECT sum(loan\_amount) AS MTD\_Funded\_Amount

FROM loandb.financial\_loan

WHERE MONTH(STR\_TO\_DATE(issue\_date, '%Y-%m-%d')) = 12;



**PMTD Total Funded Amount**

SELECT sum(loan\_amount) AS MTD\_Funded\_Amount

FROM loandb.financial\_loan

WHERE MONTH(STR\_TO\_DATE(issue\_date, '%Y-%m-%d')) = 11;



**Total Amount Received**

SELECT SUM(total\_payment) AS Total\_Amount\_Collected FROM loandb.financial\_loan



**MTD Total Amount Received**

SELECT SUM(total\_payment) AS Total\_Amount\_Collected FROM loandb.financial\_loan

WHERE MONTH(issue\_date) = 12



**PMTD Total Amount Received**

SELECT SUM(total\_payment) AS Total\_Amount\_Collected FROM loandb.financial\_loan

WHERE MONTH(issue\_date) = 11



**Average Interest Rate**

SELECT AVG(int\_rate)\*100 AS Avg\_Int\_Rate FROM bank\_loan\_data



**MTD Average Interest**

SELECT AVG(int\_rate)\*100 AS MTD\_Avg\_Int\_Rate FROM bank\_loan\_data

WHERE MONTH(issue\_date) = 12



**PMTD Average Interest**

SELECT AVG(int\_rate)\*100 AS PMTD\_Avg\_Int\_Rate FROM bank\_loan\_data

WHERE MONTH(issue\_date) = 11



**Avg DTI**

SELECT AVG(dti)\*100 AS Avg\_DTI FROM loandb.financial\_loan



**MTD Avg DTI**

SELECT AVG(dti)\*100 AS MTD\_Avg\_DTI FROM loandb.financial\_loan WHERE MONTH(issue\_date) = 12



**PMTD Avg DTI**

SELECT AVG(dti)\*100 AS PMTD\_Avg\_DTI FROM loandb.financial\_loan

WHERE MONTH(issue\_date) = 11



**GOOD LOAN ISSUED**

**Good Loan issued Percentage**

SELECT (count(case when loan\_status="Fully Paid" or loan\_status="Current" then id end)\*100)/count(id) as Good\_Loan\_Percentage from loandb.financial\_loan;****

**Good Loan Applications**

SELECT count(case when loan\_status="Fully Paid" or loan\_status="Current" then id end) as Good\_Loan\_Applications from loandb.financial\_loan;

****

**Good Loan Funded Amount**

SELECT sum(case when loan\_status="Fully Paid" or loan\_status="Current" then loan\_amount end) as Good\_Loan\_Funded\_amount from loandb.financial\_loan;

****

**Good Loan Amount Received**

SELECT sum(case when loan\_status="Fully Paid" or loan\_status="Current" then total\_payment end) as Good\_Loan\_amount\_received from loandb.financial\_loan;

****

**BAD LOAN ISSUED**

**Bad Loan Percentage**

SELECT (count(case when loan\_status="Charged Off" then id end)\*100)/count(id) as Bad\_Loan\_percentage from loandb.financial\_loan;

****

**Bad Loan Applications**

SELECT count(case when loan\_status="Charged Off" then id end) as Bad\_Loan\_Applications from loandb.financial\_loan;

****

**Bad Loan Funded Amount**

SELECT sum(case when loan\_status="Charged Off" then loan\_amount end) as Bad\_Loan\_Funded\_amount from loandb.financial\_loan;

****

**Bad Loan Amount Received**

SELECT sum(case when loan\_status="Charged Off" then total\_payment end) as Bad\_Loan\_amount\_Received from loandb.financial\_loan;

****

**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

loandb.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 bank\_loan\_data

WHERE MONTH(issue\_date) = 12

GROUP BY loan\_status

****

1. **BANK LOAN REPORT | OVERVIEW**

**MONTH**

select

month(str\_to\_date(issue\_date,'%Y-%m-%d')) as month\_number,

date\_format(str\_to\_date(issue\_date,'%Y-%m-%d'),'%m') as month\_name,

count(id) as Total\_Loan\_Application,

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

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

FROM

loandb.financial\_loan

group by month\_number ,month\_name

order by month\_name

****

**STATE**

SELECT address\_state,count(id) as Totl\_Loan\_Applications,

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

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

FROM loandb.financial\_loan

group by address\_state

order by address\_state

****

**TERM**

SELECT Term,count(id) as Total\_Loan\_Applications,

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

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

FROM loandb.financial\_loan

group by Term

order by Term

****

**EMPLOYEE LENGTH**

SELECT emp\_length,count(id) as Total\_Loan\_Applications,

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

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

FROM loandb.financial\_loan

group by emp\_length

order by emp\_length ****

**PURPOSE**

SELECT purpose,count(id) as Total\_Loan\_Applications,

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

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

FROM loandb.financial\_loan

group by purpose

order by purpose

****

**HOME OWNERSHIP**

SELECT home\_ownership,count(id) as Total\_Loan\_Applications,

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

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

FROM loandb.financial\_loan

group by home\_ownership

order by home\_ownership****