BANK LOAN REPORT

1. Key Performance Indicators
2. Total Loan Application

select count(id)from financial\_loan

A close up of a computer screen

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1. MTD total loan application

select count(id) as MTD\_total\_loan\_application from financial\_loan

where month(str\_to\_date(issue\_date, '%d-%m-%Y'))=12



Alternatively, we can also do the following to make the query more dynamic:

select count(id) as MTD\_total\_loan\_application from financial\_loan

where month(str\_to\_date(issue\_date, '%d-%m-%Y'))=month(current\_date)

and year(str\_to\_date(issue\_date, '%d-%m-%Y'))=year(current\_date)

1. PMTD total loan application

select count(id) as MTD\_total\_loan\_application from financial\_loan

where month(str\_to\_date(issue\_date, '%d-%m-%Y'))=11

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1. Total Funded Amount

select sum(loan\_amount) as total\_funded\_amount from financial\_loan



1. MTD total funded amount

select sum(loan\_amount) as MTD\_total\_funded\_amount from financial\_loan

where month(str\_to\_date(issue\_date, '%d-%m-%Y'))=12



1. PMTD funded amount

select sum(loan\_amount) as PMTD\_total\_funded\_amount from financial\_loan

where month(str\_to\_date(issue\_date, '%d-%m-%Y'))=11



1. Total Amount Received

select sum(total\_payment) as total\_amount\_received from financial\_loan



1. MTD total amount received

select sum(total\_payment) as MTD\_total\_amount\_received from financial\_loan

where month(str\_to\_date(issue\_date, '%d-%m-%Y'))=12

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1. PMTD total amount received

select sum(total\_payment) as PMTD\_total\_amount\_received from financial\_loan

where month(str\_to\_date(issue\_date, '%d-%m-%Y'))=11

A close up of a computer screen

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1. Average interest rate

select round(avg(int\_rate)\*100,2) as avg\_interest\_rate from financial\_loan

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1. MTD average interest rate

select round(avg(int\_rate)\*100,2) as MTD\_avg\_interest\_rate from financial\_loan

where month(str\_to\_date(issue\_date, '%d-%m-%Y'))=12



1. PMTD average interest rate

select round(avg(int\_rate)\*100,2) as PMTD\_avg\_interest\_rate from financial\_loan

where month(str\_to\_date(issue\_date, '%d-%m-%Y'))=11

A close up of a computer screen

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1. Average DTI

select round(avg(dti)\*100,2) as avg\_dti from financial\_loan

A screenshot of a computer

Description automatically generated

1. MTD average DTI

select round(avg(dti)\*100,2) as MTD\_avg\_dti from financial\_loan

where month(str\_to\_date(issue\_date, '%d-%m-%Y'))=12

A close up of a code

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1. PMTD average DTI

select round(avg(dti)\*100,2) as PMTD\_avg\_dti from financial\_loan

where month(str\_to\_date(issue\_date, '%d-%m-%Y'))=11

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1. Good Loan Percentage

select

(count(case when loan\_status='Fully Paid' or loan\_status='Current' then id end)/count(id)\*100) as good\_loan\_percentage

from financial\_loan

A close up of a computer screen

Description automatically generated

1. Good loan applications

select count(id) as good\_loan\_applications from financial\_loan

where loan\_status="Fully Paid" or loan\_status="Current"



1. 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"



1. Good loan total received amount

select

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

from financial\_loan

where loan\_status="Fully Paid" or loan\_status="Current"

A close up of a sign

Description automatically generated

1. Bad Loan Percentage

select

(count(case when loan\_status='Charged Off' then id end)/count(id)\*100) as bad\_loan\_percentage

from financial\_loan

A close up of a computer screen

Description automatically generated

1. Bad loan application

select

count(id) as bad\_loan\_applications

from financial\_loan

where loan\_status="Charged Off"



1. Bad loan funded amount

select

sum(loan\_amount) as bad\_loan\_funded\_amount

from financial\_loan

where loan\_status="Charged Off"

A close up of a sign

Description automatically generated

1. Bad loan total received amount

select

sum(total\_payment) as bad\_loan\_total\_received\_amount

from financial\_loan

where loan\_status="Charged Off"



1. Loan status

select

loan\_status,

count(id) as total\_loan\_applications,

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

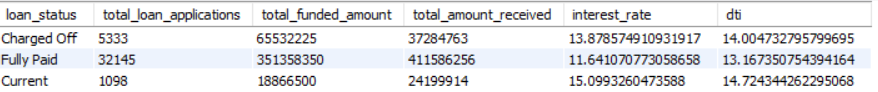
sum(total\_payment) as total\_amount\_received,

avg(int\_rate \*100) as interest\_rate,

avg(dti \*100)as dti

from financial\_loan

group by loan\_status



1. MTD total funded amount and total received amount by loan status

select

loan\_status,

sum(loan\_amount)as mtd\_total\_funded\_amount,

sum(total\_payment) as mtd\_total\_amount\_received

from financial\_loan

where month(str\_to\_date(issue\_date, '%d-%m-%Y'))=12

group by loan\_status

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1. Monthly trend by issue date

select

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

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

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, monthname

order by month

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1. Regional analysis by state

select

address\_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

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Description automatically generated

1. Loan term analysis

select

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

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1. Employee length analysis

select

emp\_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

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1. Loan Purpose breakdown

select

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 count(id) desc

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1. Home ownership analysis

select

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 count(id) desc

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