**1.OVERVIEW**

--1. Total Loan Applications--

select count(id) as Total\_Lon\_Applications from financial\_loan;

A close-up of a computer screen

Description automatically generated

->Month to Date Total Loan Applications--

select count(id) as MTD\_Total\_Lon\_Applications from financial\_loan

where month(issue\_date)=12;

A close-up of a white rectangle

Description automatically generated

->Previous Month TO Date Total Loan Applications--

select count(id) as PMTD\_Total\_Lon\_Applications from financial\_loan

where MONTH(issue\_date)=11;



2.Total funded amount--

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



->Month TO Date Total funded amount--

select sum(loan\_amount) as MTD\_Total\_Funded\_Amount from financial\_loan

where MONTH(issue\_date)=12;



Previous Month TO Date Total funded amount--

select sum(loan\_amount) as PMTD\_Total\_Funded\_Amount from financial\_loan

where MONTH(issue\_date)=11;



3.Total Amount Received Amount--

select sum(total\_payment) as Total\_Received\_Amount from financial\_loan;

A close-up of a receipt

Description automatically generated

Month TO Date Total Amount Received Amount—

select sum(total\_payment) as Total\_Received\_Amount from financial\_loan

where MONTH(last\_payment\_date)=12;

A white rectangular object with black text

Description automatically generated

Previous Month TO Date Total Amount Received Amount—

select sum(total\_payment) as PMTD\_Total\_Received\_Amount from financial\_loan

where MONTH(last\_payment\_date)=11;



4.Average Interest Rate

select avg(int\_rate)\*100 as Average\_Interest\_Rate from financial\_loan;



Month TO Date Average Interest Rate

select avg(int\_rate)\*100 as MTD\_Average\_Interest\_Rate from financial\_loan

where MONTH(issue\_date)=12;



Previous Month TO Date Average Interest Rate

Select avg(int\_rate)\*100 as PMTD\_Average\_Interest\_Rate from financial\_loan

where MONTH(issue\_date)=11;



5.Average Debt-to-Income Ratio (DTI)

select avg(dti)\*100 as Average\_debt\_to\_Income\_Ratio from financial\_loan;



Month TO Date Average Debt-to-Income Ratio (DTI)

select avg(dti)\*100 as MTD\_Average\_debt\_to\_Income\_Ratio from financial\_loan

where MONTH(issue\_date)=12;

A close-up of a number

Description automatically generated

Previous\_Month TO Date Average Debt-to-Income Ratio (DTI)

select avg(dti)\*100 as PMTD\_Average\_debt\_to\_Income\_Ratio from financial\_loan

where MONTH(issue\_date)=11;



Good Loan KPI's

--1.Good Loan Application Percentage

select (count(CASE WHEN loan\_status='Fully Paid' or loan\_status='Current' then id end)\*100.0)

/

count(id) as good\_loan\_application\_percentage from financial\_loan;

A close-up of a number

Description automatically generated

2.Good Loan Applications:

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

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

A close-up of a white rectangular object

Description automatically generated

3.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';

A close-up of a website

Description automatically generated

4.Good Loan Total Received Amount

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

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

A close-up of a message

Description automatically generated

--Bad Loan KPI's

--1.Bad Loan Application Percentage

select (count(CASE WHEN loan\_status='Charged Off' then id end)\*100.0)

/

count(id) as bad\_loan\_application\_percentage from financial\_loan;

A close-up of a number

Description automatically generated

2.Bad Loan Applications:

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

where loan\_status='Charged Off’;

A close-up of a computer screen

Description automatically generated

3.Bad Loan Funded Amount

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

where loan\_status='Charged Off';

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Description automatically generated

--4.Bad Loan Total Received Amount

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

where loan\_status='Charged Off';

A close-up of a message

Description automatically generated

**--OVERVIEW**

--1.Monthly Trends

select loan\_status,

count(id) as Total\_Loan\_Applications,

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

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

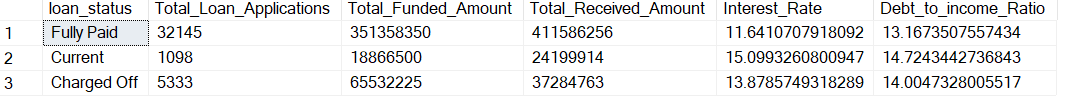
(avg(int\_rate)\*100) as Interest\_Rate,

(avg(dti)\*100) as Debt\_to\_income\_Ratio

from

financial\_loan

group by loan\_status;



--Month To Date Trends

select loan\_status,

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

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

from financial\_loan where month(issue\_date)=12 and year(issue\_date)=2021

group by loan\_status;

A screenshot of a computer

Description automatically generated

--Month wise Trends

select

month(issue\_date) as Month\_Number, datename(month,issue\_date) as Month\_Name,

count(id) as Total\_Loan\_Applications,

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

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

(avg(int\_rate)\*100) as Interest\_Rate,

(avg(dti)\*100) as Debt\_to\_income\_Ratio

from

financial\_loan

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

order by month(issue\_date),datename(month,issue\_date);

A screenshot of a computer

Description automatically generated

--2.STATE TRENDS

select address\_state as State,

count(id) as Total\_Loan\_Applications,

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

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

(avg(int\_rate)\*100) as Interest\_Rate,

(avg(dti)\*100) as Debt\_to\_income\_Ratio

from

financial\_loan

group by address\_state

order by address\_state;A screenshot of a computer

Description automatically generated

--3.Term Analysis

select term as loan\_term,

count(id) as Total\_Loan\_Applications,

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

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

(avg(int\_rate)\*100) as Interest\_Rate,

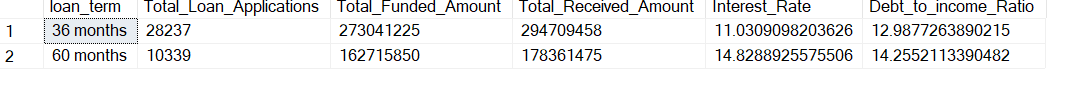
(avg(dti)\*100) as Debt\_to\_income\_Ratio

from

financial\_loan

group by term

order by term;



--4.Employee Length Analysis

select emp\_length as Employee\_length,

count(id) as Total\_Loan\_Applications,

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

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

(avg(int\_rate)\*100) as Interest\_Rate,

(avg(dti)\*100) as Debt\_to\_income\_Ratio

from

financial\_loan

group by emp\_length

order by emp\_length;

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Description automatically generated

--5.Loan Purpose Breakdown

select purpose as loan\_purpose,

count(id) as Total\_Loan\_Applications,

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

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

(avg(int\_rate)\*100) as Interest\_Rate,

(avg(dti)\*100) as Debt\_to\_income\_Ratio

from

financial\_loan

group by purpose

order by purpose;

A screenshot of a computer

Description automatically generated

--6.Home Ownership Analysis

select home\_ownership as Home\_Ownership,

count(id) as Total\_Loan\_Applications,

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

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

(avg(int\_rate)\*100) as Interest\_Rate,

(avg(dti)\*100) as Debt\_to\_income\_Ratio

from

financial\_loan

group by home\_ownership

order by home\_ownership;

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Description automatically generated