**KPI’S**

**Total Loan Applications**

select count(id) as Total\_Loan\_Application

from Finance\_loan;

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**MTD** **Total Loan Applications**

select count(id) as MTD\_Total\_Application

from finance\_loan

where MONTH(issue\_date)=12

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**PMTD** **Total Loan Applications**

select count(id) as PMTD\_Total\_Application

from finance\_loan

where MONTH(issue\_date)=11

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**Total Funded Amont**

select SUM(loan\_amount) as Total\_Funded\_Amount

from Finance\_loan;

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MTM **Total Funded Amont**

select SUM(loan\_amount) as MTM\_Total\_Funded\_Amount

from Finance\_loan

where MONTH(issue\_date)=12;

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PMTM **Total Funded Amont**

select SUM(loan\_amount) as PMTM\_Total\_Funded\_Amount

from Finance\_loan

where MONTH(issue\_date)=11;

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**MOM Percentage 0f Total Funded Amount**

**select(**

**(**

**(**

**(select SUM(loan\_amount)**

**from Finance\_loan**

**where MONTH(issue\_date)=12)\*1.0**

**-**

**(select SUM(loan\_amount)**

**from Finance\_loan**

**where MONTH(issue\_date)=11)**

**)**

**/**

**nullif((select SUM(loan\_amount)**

**from Finance\_loan**

**where MONTH(issue\_date)=11),0)**

**)\*100**

**)as MOM\_Percentage;**

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**Total Amount Received**

select SUM(total\_payment) as Total\_Amount\_Recevied

from finance\_loan

A screenshot of a computer screen

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**MTD Amount Received**

select SUM(total\_payment) as MTD\_Amount\_Recevied

from finance\_loan

where MONTH(issue\_date)=12

A screenshot of a computer screen

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**PMTD Amount Received**

select SUM(total\_payment) as PMTD\_Amount\_Recevied

from finance\_loan

where MONTH(issue\_date)=11

A screenshot of a computer screen

AI-generated content may be incorrect.

MOM Percentage Amont Received

select SUM(total\_payment) as PMTD\_Amount\_Recevied

from finance\_loan

where MONTH(issue\_date)=11

select

(

(

(

(select SUM(total\_payment)

from finance\_loan

where MONTH(issue\_date)=12)\*1.0

-

(select SUM(total\_payment)

from finance\_loan

where MONTH(issue\_date)=11)

)

/

nullif(

(select SUM(total\_payment)

from finance\_loan

where MONTH(issue\_date)=11),0)

)\*100

)as MOM\_Amount\_Received

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**Avg Intrest Rate**

select AVG(int\_rate)\*100 as Avg\_int\_Rate

from finance\_loan

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MTD Avg Intrest Rate

select AVG(int\_rate)\*100 as MTD\_Avg\_int\_Rate

from finance\_loan

where MONTH(issue\_date)=12

A screenshot of a computer

AI-generated content may be incorrect.

PMTD Avg Intrest Rate

select AVG(int\_rate)\*100 as PMTD\_Avg\_int\_Rate

from finance\_loan

where MONTH(issue\_date)=11

A screenshot of a computer

AI-generated content may be incorrect.

MOM Intrest Rate

select

(

(

(

(select AVG(int\_rate)\*100

from finance\_loan

where MONTH(issue\_date)=12)\*1.0

-

(select AVG(int\_rate)\*100

from finance\_loan

where MONTH(issue\_date)=11)

)

/

nullif(

(select AVG(int\_rate)\*100

from finance\_loan

where MONTH(issue\_date)=11),0)

)\*100

)as MOM\_Avg\_Rate

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AI-generated content may be incorrect.

**Avg DTI**

select AVG(dti)\*100 as Avg\_dti

from finance\_loan

A screenshot of a computer

AI-generated content may be incorrect.

**MTD Avg DTI**

select AVG(dti)\*100 as MTD\_Avg\_dti

from finance\_loan

where MONTH(issue\_date)=12

A screenshot of a computer

AI-generated content may be incorrect.

**PMTD Avg DTI**

select AVG(dti)\*100 as PMTD\_Avg\_dti

from finance\_loan

where MONTH(issue\_date)=11

A screenshot of a computer screen

AI-generated content may be incorrect.

MOM Avg DTI

select

(

(

(

(select AVG(dti)\*100

from finance\_loan

where MONTH(issue\_date)=12)\*1.0

-

(select AVG(dti)\*100

from finance\_loan

where MONTH(issue\_date)=11)

)

/

nullif(

(select AVG(dti)\*100

from finance\_loan

where MONTH(issue\_date)=11),0)

)\*100

)as MOM\_Avg\_DTI

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**Good Loan KPI**

**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 finance\_loan

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AI-generated content may be incorrect.

Good Loan Application

select COUNT(id) as Good\_Loan\_Applications

from finance\_loan

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

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AI-generated content may be incorrect.

**Good Loan Funded Amount**

select SUM(loan\_amount) as Good\_Loan\_Funded\_Amount

from finance\_loan

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

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Good Loan Amount Received

select SUM(total\_payment) as Good\_Loan\_Amount\_Received

from finance\_loan

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

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**Good Loan KPI**

**Bad Loan Percentage**

select (count(case when loan\_Status='Charged Off' then id end)\*100.0)/

COUNT(id) as Bad\_Loan\_Percentage

from finance\_loan

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**Bad Loan Application**

select count(id) as Bad\_Loan\_Application

from finance\_loan

where loan\_status='Charged Off'

A screenshot of a computer screen

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**Bad Loan Funded Amount**

select sum(loan\_amount) as Bad\_Loan\_Funded\_Amount

from finance\_loan

where loan\_status='Charged Off'

A screenshot of a computer screen

AI-generated content may be incorrect.

**Bad Loan Received Amount**

select sum(total\_payment) as Bad\_Loan\_Received\_Amount

from finance\_loan

where loan\_status='Charged Off'

A screenshot of a computer message

AI-generated content may be incorrect.

**Loan Status**

select

loan\_Status,

count(id)as Total\_Application,

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

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

avg(int\_rate \* 100) as Average\_intrest,

avg(dti \*100)as average\_DTI

from finance\_loan

group by loan\_status

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AI-generated content may be incorrect.

**MTD**

select loan\_status,

SUM(loan\_amount) as MTD\_Funded\_Amount,

SUM(total\_payment) as MTD\_Received\_Amount

from finance\_loan

where MONTH(issue\_date)=12

group by loan\_status

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**Bank Loan Overview**

**Monthly**

select

MONTH(issue\_date) as Month\_Number,

DATENAME(MONTH,issue\_date) as Month\_Name,

COUNT(id) as Total\_Application,

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

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

from finance\_loan

group by MONTH(issue\_date),DATENAME(MONTH,issue\_date)

order by MONTH(issue\_date),DATENAME(MONTH,issue\_date)

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**State**

**select**

**address\_state as State,**

**COUNT(id) as Total\_Application,**

**SUM(loan\_amount)as Total\_Funded\_Amount,**

**SUM(total\_payment) as Total\_Received\_Amount**

**from finance\_loan**

**group by address\_state**

**order by address\_state**

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**Loan Term Analysis**

select

term as Term,

COUNT(id) as Total\_Application,

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

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

from finance\_loan

group by term

order by term

**A screenshot of a computer

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**Employee Length**

select

emp\_length as Worked\_Year,

COUNT(id) as Total\_Application,

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

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

from finance\_loan

group by emp\_length

order by emp\_length

A screenshot of a computer screen

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Purpose

select

purpose,

COUNT(id) as Total\_Application,

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

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

from finance\_loan

group by purpose

order by purpose

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Home Ownership

select

home\_ownership as Home\_Ownership,

COUNT(id) as Total\_Application,

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

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

from finance\_loan

group by home\_ownership

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