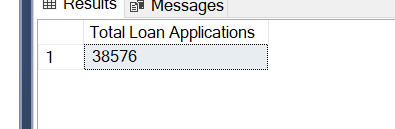
* **Total Loan Applications**

select count(id) as 'Total Loan Applications'

from financial\_loan;



* **MTD loan applications**

with cte as

(select max(year(issue\_date)) as l\_year ,max(month(issue\_date)) as l\_month

from financial\_loan)

select count(id) as 'MTD Loan Applications'

from financial\_loan f join cte

on month(issue\_date) = l\_month and year(issue\_date) = l\_year

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Description automatically generated

* **PMTD loan applications**

with cte as

(select max(year(issue\_date)) as l\_year ,max(month(issue\_date))-1 as p\_month

from financial\_loan)

select count(id) as 'PMTD Loan Applications'

from financial\_loan f join cte

on month(issue\_date) = p\_month and year(issue\_date) = l\_year;

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Description automatically generated

* **MoM loan applications**

with cte as

(select month(issue\_date) as 'Month',count(id) as 'Total\_Loan\_Applications'

from financial\_loan

group by month(issue\_date)

)

select \*,

1.0 \*(Total\_Loan\_Applications -

lag(Total\_Loan\_Applications,1,Total\_Loan\_Applications) over(order by Month)) / lag(Total\_Loan\_Applications,1,Total\_Loan\_Applications) over(order by Month) \* 100 as 'MoM\_Growth'

from cte;

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Description automatically generated

* **Total Funded Amount**

select sum(loan\_amount) as 'Total\_Funded\_Amount'

from financial\_loan;

A screenshot of a computer

Description automatically generated

* **MoM Funded Amount**

with cte as

(select month(issue\_date) as 'Month',sum(loan\_amount) as 'Total\_Loan\_Amount'

from financial\_loan

group by month(issue\_date)

)

select \*,

1.0 \*(Total\_Loan\_Amount -

lag(Total\_Loan\_Amount,1,Total\_Loan\_Amount) over(order by Month)) / lag(Total\_Loan\_Amount,1,Total\_Loan\_Amount) over(order by Month) \* 100 as 'MoM\_Growth'

from cte;

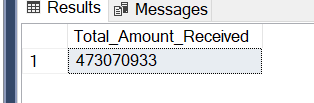
A screenshot of a computer

Description automatically generated

* **Total Amount Received**

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

from financial\_loan;



* **MoM Amount Received**

with cte as

(select month(issue\_date) as 'Month',sum(total\_payment) as 'Total\_Amount\_Received'

from financial\_loan

group by month(issue\_date)

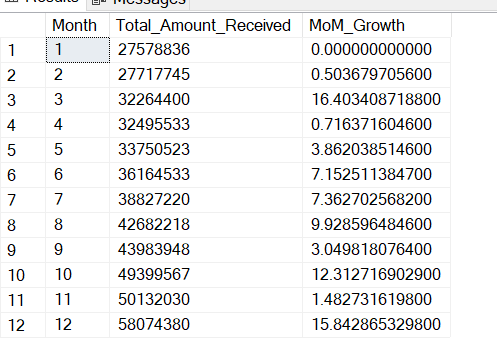
)

select \*,

1.0 \*(Total\_Amount\_Received -

lag(Total\_Amount\_Received,1,Total\_Amount\_Received) over(order by Month)) / lag(Total\_Amount\_Received,1,Total\_Amount\_Received) over(order by Month) \* 100 as 'MoM\_Growth'

from cte;



* **Avg Interest Rate**

select avg(int\_rate)\*100 as 'Average\_Intrest\_Rate'

from financial\_loan;

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Description automatically generated

* **MoM Average Interest Rate**

with cte as

(select month(issue\_date) as 'Month',avg(int\_rate)\*100 as 'Average\_Intrest\_Rate'

from financial\_loan

group by month(issue\_date)

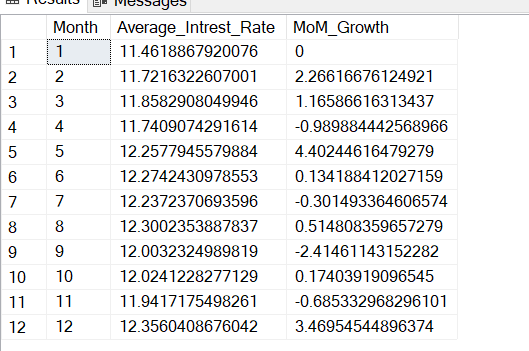
)

select \*,

1.0 \*(Average\_Intrest\_Rate -

lag(Average\_Intrest\_Rate,1,Average\_Intrest\_Rate) over(order by Month)) / lag(Average\_Intrest\_Rate,1,Average\_Intrest\_Rate) over(order by Month) \* 100 as 'MoM\_Growth'

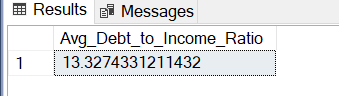
from cte;



* **Average Debt-to-Income Ratio**

select avg(dti)\*100 as 'Avg\_Debt\_to\_Income\_Ratio'

from financial\_loan;



* **MoM Average Debt-to-Income Ratio**

with cte as

(select month(issue\_date) as 'Month', avg(dti)\*100 as 'Avg\_Debt\_to\_Income\_Ratio'

from financial\_loan

group by month(issue\_date)

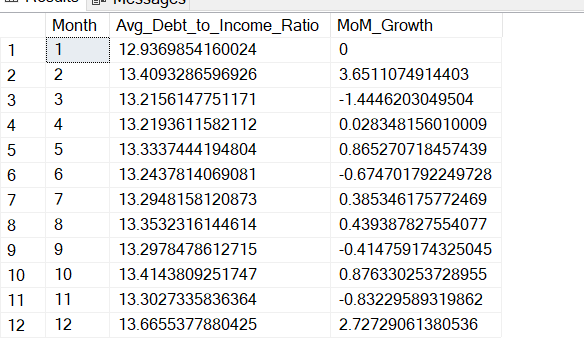
)

select \*,

1.0 \*(Avg\_Debt\_to\_Income\_Ratio -

lag(Avg\_Debt\_to\_Income\_Ratio,1,Avg\_Debt\_to\_Income\_Ratio) over(order by Month)) / lag(Avg\_Debt\_to\_Income\_Ratio,1,Avg\_Debt\_to\_Income\_Ratio) over(order by Month) \* 100 as 'MoM\_Growth'

from cte;



* **Good Loan Application %**

select 1.0 \* count(id) / (select count(id) from financial\_loan) \* 100 as 'Good Loan Applications %'

from financial\_loan

where loan\_status in ('Fully Paid','Current')

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Description automatically generated

* **Bad Loan Application %**

select 1.0 \* count(id) / (select count(id) from financial\_loan) \* 100 as 'Bad Loan Applications %'

from financial\_loan

where loan\_status = 'Charged off';

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Description automatically generated

* **Loan Status Analysis**

select loan\_status,

count(id) as 'Total Applications',

sum(total\_payment) as 'Total Amount Received',

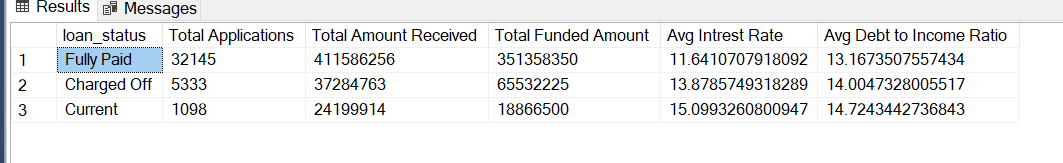
sum(loan\_amount) as 'Total Funded Amount',

avg(int\_rate) \* 100 as 'Avg Intrest Rate',

avg(dti)\*100 as 'Avg Debt to Income Ratio'

from financial\_loan

group by loan\_status;



* **Monthly Analysis**

select month(issue\_date) as 'Month',

count(id) as 'Total Applications',

sum(total\_payment) as 'Total Amount Received',

sum(loan\_amount) as 'Total Funded Amount',

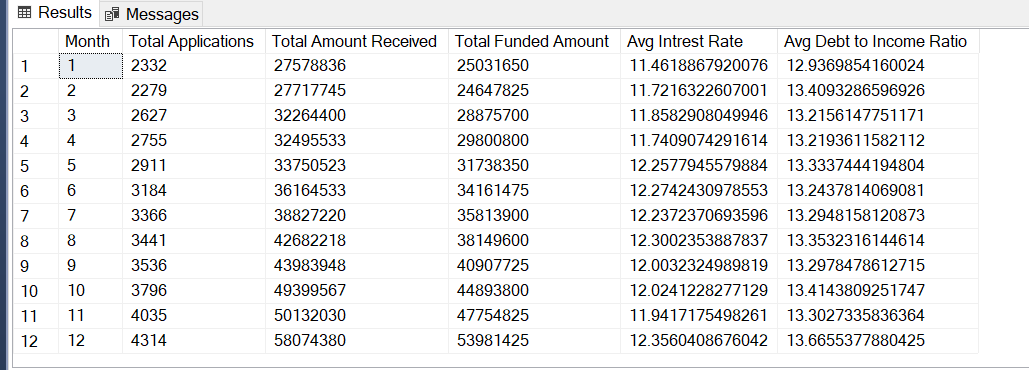
avg(int\_rate) \* 100 as 'Avg Intrest Rate',

avg(dti)\*100 as 'Avg Debt to Income Ratio'

from financial\_loan

group by month(issue\_date)

order by month(issue\_date)



* **State Wise Analysis**

select address\_state as 'State',

count(id) as 'Total Applications',

sum(total\_payment) as 'Total Amount Received',

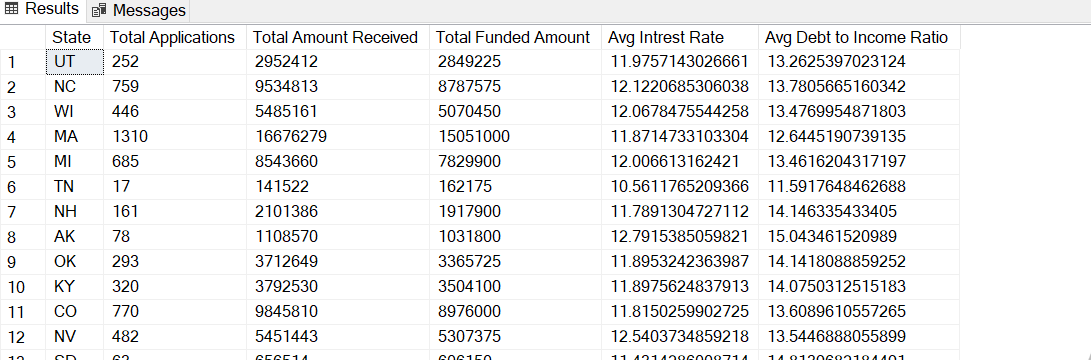
sum(loan\_amount) as 'Total Funded Amount',

avg(int\_rate) \* 100 as 'Avg Intrest Rate',

avg(dti)\*100 as 'Avg Debt to Income Ratio'

from financial\_loan

group by address\_state;



* **Loan Purpose Analysis**

select purpose as 'Loan Purpose',

count(id) as 'Total Applications',

sum(total\_payment) as 'Total Amount Received',

sum(loan\_amount) as 'Total Funded Amount',

avg(int\_rate) \* 100 as 'Avg Intrest Rate',

avg(dti)\*100 as 'Avg Debt to Income Ratio'

from financial\_loan

group by purpose;

