BANK LOAN REPORT SUMMARY

KPIs:

Total Loan Application

select count(id) as 'Total Loan Application' from bank\_loan\_data;

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Description automatically generated

Month to Date Total Loan Application

select count(id) as 'MTD Total Loan Application' from bank\_loan\_data

where month(issue\_date) = 12 and year(issue\_date) = 2021;

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Description automatically generated

Previous Month to Date Total Loan Application

select count(id) as 'PMTD Total Loan Application' from bank\_loan\_data

where month(issue\_date) = 11 and year(issue\_date) = 2021;



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Description automatically generated



Total Funded Amount

select sum(loan\_amount) as "Total Funded Amount" from bank\_loan\_data;

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Month to Date Total Funded Amount

select sum(loan\_amount) as "MTD Total Funded Amount" from bank\_loan\_data

where month(issue\_date) = 12 and year(issue\_date) = 2021;

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Description automatically generated

Previous Month to Date Total Funded Amount

select sum(loan\_amount) as "PMTD Total Funded Amount" from bank\_loan\_data

where month(issue\_date) = 11 and year(issue\_date) = 2021;

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Description automatically generated



Total Amount Received

select sum(total\_payment) as "MTD Total Amount Recived" from bank\_loan\_data;

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Month to Date Total Amount Received

select sum(total\_payment) as "MTD Total Amount Recived" from bank\_loan\_data

where month(issue\_date) = 12 and year(issue\_date) = 2021;

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Description automatically generated

Previous Month to Date Total Amount Received

select sum(total\_payment) as "PMTD Total Amount Recived" from bank\_loan\_data

where month(issue\_date) = 11 and year(issue\_date) = 2021;

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Average Interest Rate

select ROUND(avg(int\_rate) \* 100,2) as "Average Intrest Rate" from bank\_loan\_data;

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Description automatically generated

Month to Date Average Interest Rate

select round(AVG(int\_rate) \* 100,2) as "Average Intrest Rate" from bank\_loan\_data

where month(issue\_date) = 12 and year(issue\_date) = 2021;

A close up of a screen

Description automatically generated

Previous Month to Date Total Amount Received

select round(AVG(int\_rate) \* 100,2) as "Average Intrest Rate" from bank\_loan\_data

where month(issue\_date) = 11 and year(issue\_date) = 2021;

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Debt To Income Ratio

Average Debt To Income Ratio

select round(AVG(dti) \* 100,2) as "Average Debt To Income Ratio" from bank\_loan\_data;

A close-up of a website

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Month to Date Debt To Income Ratio

select round(AVG(dti) \* 100,2) as "MTD Average Debt To Income Ratio" from bank\_loan\_data

where month(issue\_date) = 12 and year(issue\_date) = 2021;

A close-up of a computer screen

Description automatically generated

Previous Month to Date Debt To Income Ratio

select round(AVG(dti) \* 100,2) as "MTD Average Debt To Income Ratio" from bank\_loan\_data

where month(issue\_date) = 11 and year(issue\_date) = 2021;

A screen shot of a computer

Description automatically generated



GOOD LOAN APPLICATION PERCENTAGE

select

round((count(case when loan\_status = 'Fully Paid' OR loan\_status = 'Current' then id end) \* 100)

/

count(id) ,2) as "Good Loan Percentage"

FROM bank\_loan\_data;

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Description automatically generated



GOOD LOAN APPLICATION

SELECT COUNT(id) as "Good Loan Application" from bank\_loan\_data where loan\_status = 'Fully Paid' OR loan\_status = 'Current';

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Description automatically generated

GOOD LOAN FUNDED AMOUNT

SELECT SUM(loan\_amount) as "Good Loan Funded Amount" from bank\_loan\_data

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

A close up of a sign

Description automatically generated

GOOD LOAN TOTAL RECIVED AMOUNT

SELECT SUM(total\_payment) as "Good Loan Total Recived Amount" from bank\_loan\_data

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

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Description automatically generated



BAD LOAN ISSUED

Bad Loan Percentage

select

round((count(case when loan\_status = 'Charged Off' then id end) \* 100)

/

count(id) ,2) as "Bad Loan Percentage"

FROM bank\_loan\_data;

A close up of a sign

Description automatically generated

BAD LOAN APPLICATION

SELECT COUNT(id) as "Bad Loan Application" from bank\_loan\_data

where loan\_status = 'Charged Off';

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Description automatically generated

BAD LOAN FUNDED AMOUNT

SELECT SUM(LOAN\_AMOUNT) as "Bad Loan Funded Amount" from bank\_loan\_data

where loan\_status = 'Charged Off';

A screen shot of a credit card

Description automatically generated

BAD LOAN TOTAL RECIVED AMOUNT

SELECT SUM(total\_payment) as "Bad Loan Total Recived Amount" from bank\_loan\_data

where loan\_status = 'Charged Off';

A screenshot of a computer

Description automatically generated



LOAN STATUS GRID VIEW

SELECT

loan\_status,

count(id) AS "Loan Count",

SUM(total\_payment) AS "Total Payment Recived",

SUM(loan\_amount) AS "Total Funded Amount",

AVG(int\_rate \* 100) AS "Intrest Rate",

AVG(dti \* 100) AS DTI

FROM bank\_loan\_data

GROUP BY loan\_status;

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LOAN STATUS MONTH TO DATE GRID VIEW

SELECT

loan\_status,

sum(total\_payment) AS "MTD Total Payment Recived",

sum(loan\_amount) AS "MTD Total Funded Amount"

from bank\_loan\_data

where month(issue\_date) = 12

GROUP BY loan\_status;

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MONTHLY TREND ISSUE DATE

SELECT

MONTH (issue\_date) AS "Month Number",

MONTHNAME(issue\_date) AS "Month NAme",

count(id) AS "Total Loan Application",

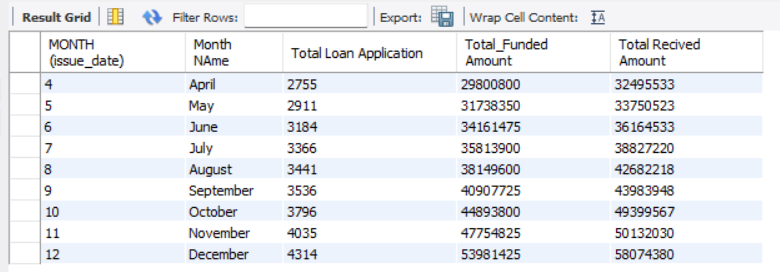
sum(loan\_amount) AS "Total\_Funded Amount",

SUM(total\_payment) as "Total Recived Amount"

FROM bank\_loan\_data

GROUP BY MONTH (issue\_date), MONTHNAME(issue\_date)

ORDER BY MONTH (issue\_date);





REGIONAL ANALYSIS BY STATE

SELECT

address\_state,

count(id) AS "Total Loan Application",

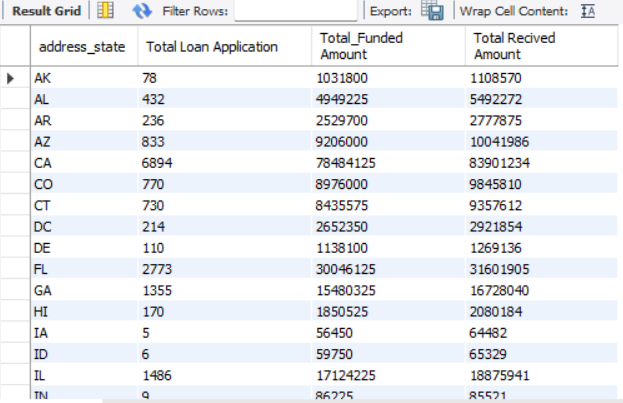
sum(loan\_amount) AS "Total\_Funded Amount",

SUM(total\_payment) as "Total Recived Amount"

FROM bank\_loan\_data

GROUP BY address\_state

ORDER BY address\_state;





LOAN TERM ANALYSIS

SELECT

term,

count(id) AS "Total Loan Application",

sum(loan\_amount) AS "Total\_Funded Amount",

SUM(total\_payment) as "Total Recived Amount"

FROM bank\_loan\_data

GROUP BY term

ORDER BY term;

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EMPLOYEE LENGTH ANALYSIS



SELECT

emp\_length,

count(id) AS "Total Loan Application",

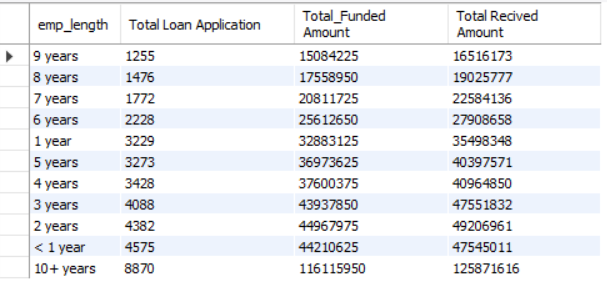
sum(loan\_amount) AS "Total\_Funded Amount",

SUM(total\_payment) as "Total Recived Amount"

FROM bank\_loan\_data

GROUP BY emp\_length

ORDER BY COUNT(id);





PURPOSE OF THE LOAN

SELECT

purpose,

count(id) AS "Total Loan Application",

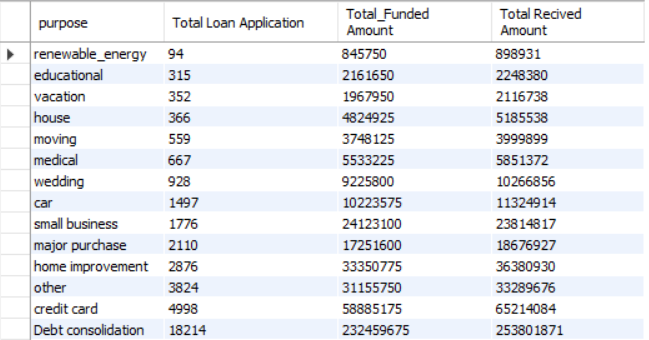
sum(loan\_amount) AS "Total\_Funded Amount",

SUM(total\_payment) as "Total Recived Amount"

FROM bank\_loan\_data

GROUP BY purpose

ORDER BY count(id);





HOME OWNERSHIP

SELECT

home\_ownership,

count(id) AS "Total Loan Application",

sum(loan\_amount) AS "Total\_Funded Amount",

SUM(total\_payment) as "Total Recived Amount"

FROM bank\_loan\_data

GROUP BY home\_ownership

ORDER BY count(id);

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