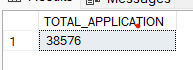
**BANK LOAN REPORT QUERY DOCUMENT**

**--Anuj Kumar**

**KPI’s:**

**Total Loan Applications**

SELECT COUNT(ID) AS TOTAL\_APPLICATION FROM Bank\_Loan\_database



**MTD Loan Applications**

SELECT COUNT(ID) AS TOTAL\_APPLICATION FROM Bank\_Loan\_database

WHERE MONTH(issue\_date)=12

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**PMTD Loan Applications**

SELECT SUM(loan\_amount) from Bank\_Loan\_database

WHERE MONTH(issue\_date)=11



**Total Funded Amount**

SELECT SUM(loan\_amount) AS Total\_funded\_amount from Bank\_Loan\_database

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**MTD Total Funded Amount**

SELECT SUM(loan\_amount) AS Total\_funded\_amount from Bank\_Loan\_database

WHERE MONTH(issue\_date)=12

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**PMTD Total Funded Amount**

SELECT SUM(loan\_amount) AS Total\_funded\_amount from Bank\_Loan\_database

WHERE MONTH(issue\_date)=11

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**Total Amount Received**

SELECT SUM(total\_payment) AS Total\_amount\_collected from Bank\_Loan\_database

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**MTD Total Amount Received**

SELECT SUM(total\_payment) AS Total\_amount\_collected from Bank\_Loan\_database

WHERE MONTH(issue\_date)=12

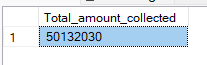
**A screenshot of a computer

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**PMTD Total Amount Received**

SELECT SUM(total\_payment) AS Total\_amount\_collected from Bank\_Loan\_database

WHERE MONTH(issue\_date)=11

****

**Average Interest Rate**

SELECT AVG(int\_rate)\*100 AS Avg\_int\_rate FROM Bank\_Loan\_database

****

**MTD Average Interest**

SELECT AVG(int\_rate)\*100 AS MTD\_Avg\_int\_rate FROM Bank\_Loan\_database

WHERE MONTH(issue\_date)=12

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**PMTD Average Interest**

SELECT AVG(int\_rate)\*100 AS PMTD\_Avg\_int\_rate FROM Bank\_Loan\_database

WHERE MONTH(issue\_date)=11

****

**Avg DTI**

SELECT AVG(dti)\*100 AS Avg\_dti FROM Bank\_Loan\_database

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**MTD Avg DTI**

SELECT AVG(dti)\*100 AS MTD\_Avg\_dti FROM Bank\_Loan\_database

WHERE MONTH(issue\_date)=12

**A screenshot of a computer

Description automatically generated**

**PMTD Avg DTI**

SELECT AVG(dti)\*100 AS PMTD\_Avg\_dti FROM Bank\_Loan\_database

WHERE MONTH(issue\_date)=11

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**GOOD LOAN ISSUED**

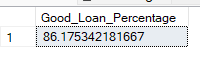
**Good Loan Percentage**

SELECT

(COUNT(CASE WHEN loan\_status = 'Fully Paid' OR loan\_status = 'Current' THEN id END) \* 100.0) /

COUNT(id) AS Good\_Loan\_Percentage

FROM Bank\_Loan\_database

****

**Good Loan Applications**

SELECT COUNT(id) AS Good\_Loan\_Applications FROM Bank\_Loan\_database

WHERE loan\_status = 'Fully Paid' OR loan\_status = 'Current'

****

**Good Loan Funded Amount**

SELECT SUM(loan\_amount) AS Good\_Loan\_Funded\_amount FROM Bank\_Loan\_database

WHERE loan\_status = 'Fully Paid' OR loan\_status = 'Current'

****

**Good Loan Amount Received**

SELECT SUM(total\_payment) AS Good\_Loan\_amount\_received FROM Bank\_Loan\_database

WHERE loan\_status = 'Fully Paid' OR loan\_status = 'Current'

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**BAD LOAN ISSUED**

**Bad Loan Percentage**

SELECT

(COUNT(CASE WHEN loan\_status = 'Charged Off' THEN id END) \* 100.0) /

COUNT(id) AS Bad\_Loan\_Percentage

FROM Bank\_Loan\_database

****

**Bad Loan Applications**

SELECT COUNT(id) AS Bad\_Loan\_Applications FROM Bank\_Loan\_database

WHERE loan\_status = 'Charged Off'

****

**Bad Loan Funded Amount**

SELECT SUM(loan\_amount) AS Bad\_Loan\_Funded\_amount FROM Bank\_Loan\_database

WHERE loan\_status = 'Charged Off'

****

**Bad Loan Amount Received**

SELECT SUM(total\_payment) AS Bad\_Loan\_amount\_received FROM Bank\_Loan\_database

WHERE loan\_status = 'Charged Off'

****

**LOAN STATUS**

SELECT

loan\_status,

COUNT(id) AS LoanCount,

SUM(total\_payment) AS Total\_Amount\_Received,

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

AVG(int\_rate \* 100) AS Interest\_Rate,

AVG(dti \* 100) AS DTI

FROM

Bank\_Loan\_database

GROUP BY

loan\_status

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SELECT

loan\_status,

SUM(total\_payment) AS MTD\_Total\_Amount\_Received,

SUM(loan\_amount) AS MTD\_Total\_Funded\_Amount

FROM Bank\_Loan\_database

WHERE MONTH(issue\_date) = 12

GROUP BY loan\_status

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1. **BANK LOAN REPORT | OVERVIEW**

**MONTH**

SELECT

MONTH(issue\_date) AS Month\_Munber,

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\_Amount\_Received

FROM Bank\_Loan\_database

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

ORDER BY MONTH(issue\_date)

**A screenshot of a table

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**STATE**

SELECT

address\_state AS State,

COUNT(id) AS Total\_Loan\_Applications,

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

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

FROM Bank\_Loan\_database

GROUP BY address\_state

ORDER BY address\_state

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**TERM**

SELECT

term AS Term,

COUNT(id) AS Total\_Loan\_Applications,

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

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

FROM Bank\_Loan\_database

GROUP BY term

ORDER BY term

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**EMPLOYEE LENGTH**

SELECT

emp\_length AS Employee\_Length,

COUNT(id) AS Total\_Loan\_Applications,

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

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

FROM Bank\_Loan\_database

GROUP BY emp\_length

ORDER BY emp\_length

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**PURPOSE**

SELECT

purpose AS PURPOSE,

COUNT(id) AS Total\_Loan\_Applications,

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

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

FROM Bank\_Loan\_database

GROUP BY purpose

ORDER BY purpose

**A screenshot of a table

Description automatically generated**

**HOME OWNERSHIP**

SELECT

home\_ownership AS Home\_Ownership,

COUNT(id) AS Total\_Loan\_Applications,

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

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

FROM Bank\_Loan\_database

GROUP BY home\_ownership

ORDER BY home\_ownership

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*SELECT*

*purpose AS PURPOSE,*

*COUNT(id) AS Total\_Loan\_Applications,*

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

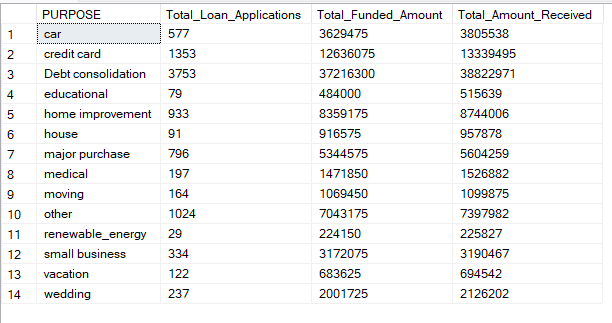
*SUM(total\_payment) AS Total\_Amount\_Received*

*FROM* Bank\_Loan\_database

*WHERE grade = 'A'*

*GROUP BY purpose*

*ORDER BY purpose*

**