Bank Loan Query Document

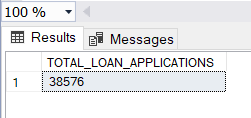
# Bank loan report summary

## KPI s

### Total loan applications

SELECT COUNT(ID) AS TOTAL\_LOAN\_APPLICATIONS

FROM BANK\_LOAN\_DATA;

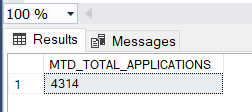


### MTD total loan applications

SELECT COUNT(ID) AS MTD\_TOTAL\_APPLICATIONS

FROM BANK\_LOAN\_DATA

WHERE MONTH(ISSUE\_DATE) = 12;

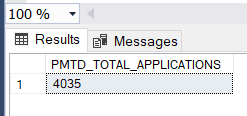


### PMTD Total loan applications

SELECT COUNT(ID) AS PMTD\_TOTAL\_APPLICATIONS

FROM BANK\_LOAN\_DATA

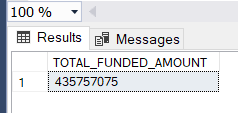
WHERE MONTH(ISSUE\_DATE) = 11;



### Total loan funded

SELECT SUM(LOAN\_AMOUNT) AS TOTAL\_FUNDED\_AMOUNT

FROM BANK\_LOAN\_DATA;

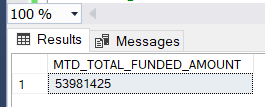


### MTD Total Funded Amount

SELECT SUM(LOAN\_AMOUNT) AS MTD\_TOTAL\_FUNDED\_AMOUNT

FROM BANK\_LOAN\_DATA

WHERE MONTH(ISSUE\_DATE) = 12;

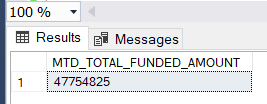


### PMTD Total Funded Amount

SELECT SUM(LOAN\_AMOUNT) AS MTD\_TOTAL\_FUNDED\_AMOUNT

FROM BANK\_LOAN\_DATA

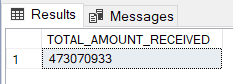
WHERE MONTH(ISSUE\_DATE) = 11;



### Total Amount Received

SELECT SUM(TOTAL\_PAYMENT) AS TOTAL\_AMOUNT\_RECEIVED

FROM BANK\_LOAN\_DATA

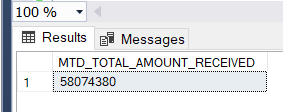


### MTD Total Amount Received

SELECT SUM(TOTAL\_PAYMENT) AS MTD\_TOTAL\_AMOUNT\_RECEIVED

FROM BANK\_LOAN\_DATA

WHERE MONTH(ISSUE\_DATE) = 12;

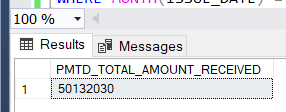


### PMTD Total Amount Received

SELECT SUM(TOTAL\_PAYMENT) AS PMTD\_TOTAL\_AMOUNT\_RECEIVED

FROM BANK\_LOAN\_DATA

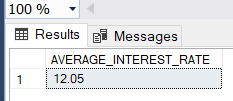
WHERE MONTH(ISSUE\_DATE) = 11;



### Average Interest Rate

SELECT ROUND(AVG(INT\_RATE),4)\*100 AS AVERAGE\_INTEREST\_RATE

FROM BANK\_LOAN\_DATA;

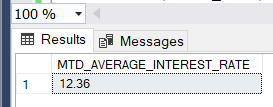


### MTD Average Interest

SELECT ROUND(AVG(INT\_RATE),4)\*100 AS MTD\_AVERAGE\_INTEREST\_RATE

FROM BANK\_LOAN\_DATA

WHERE MONTH(ISSUE\_DATE) = 12 AND YEAR(ISSUE\_DATE) = 2021

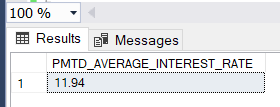


### PMTD Average Interest

SELECT ROUND(AVG(INT\_RATE),4)\*100 AS PMTD\_AVERAGE\_INTEREST\_RATE

FROM BANK\_LOAN\_DATA

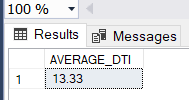
WHERE MONTH(ISSUE\_DATE) = 11 AND YEAR(ISSUE\_DATE) = 2021



### Avg DTI

SELECT ROUND(AVG(DTI),4)\*100 AS AVERAGE\_DTI

FROM BANK\_LOAN\_DATA;

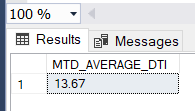


### MTD Avg DTI

SELECT ROUND(AVG(DTI),4)\*100 AS MTD\_AVERAGE\_DTI

FROM BANK\_LOAN\_DATA

WHERE MONTH(ISSUE\_DATE) =12 AND YEAR(ISSUE\_DATE) = 2021

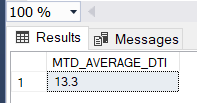


### PMTD Avg DTI

SELECT ROUND(AVG(DTI),4)\*100 AS MTD\_AVERAGE\_DTI

FROM BANK\_LOAN\_DATA

WHERE MONTH(ISSUE\_DATE) =11 AND YEAR(ISSUE\_DATE) = 2021



## Bank Loan Report Overview

### Good loan percentage

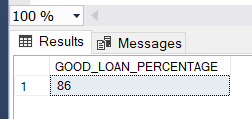
SELECT

((COUNT(CASE WHEN LOAN\_STATUS = 'Fully Paid' OR LOAN\_STATUS = 'Current' THEN id END) \* 100)

/

COUNT(ID)) AS GOOD\_LOAN\_PERCENTAGE

FROM BANK\_LOAN\_DATA;

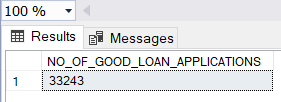


### Number of Good loan Application

SELECT COUNT(ID) AS NO\_OF\_GOOD\_LOAN\_APPLICATIONS

FROM BANK\_LOAN\_DATA

WHERE LOAN\_STATUS = 'Fully Paid' OR LOAN\_STATUS ='Current'



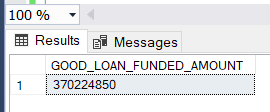
### Good Loan funded Amount

SELECT \* FROM Bank\_loan\_data

SELECT SUM(LOAN\_AMOUNT)

BANK\_LOAN\_DATA

WHERE LOAN\_STATUS = 'Fully Paid' OR LOAN\_STATUS ='Current';

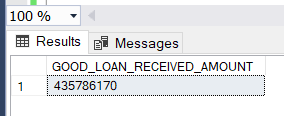


### Good Loan Total received Amount

SELECT SUM(TOTAL\_PAYMENT)

FROM BANK\_LOAN\_DATA

WHERE LOAN\_STATUS = 'Fully Paid' OR LOAN\_STATUS ='Current';



### Bad Loan Application Percentage

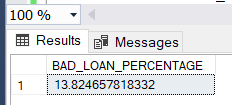
SELECT

((COUNT(CASE WHEN LOAN\_STATUS = 'Charged off' THEN id END) \* 100.0)

/

COUNT(ID)) AS BAD\_LOAN\_PERCENTAGE

FROM BANK\_LOAN\_DATA;

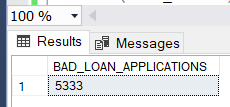


### Number of Bad Loan Applications

SELECT COUNT(ID)

FROM BANK\_LOAN\_DATA

WHERE LOAN\_STATUS = 'Charged off';

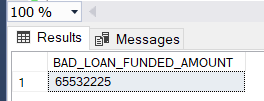


### Bad Loan Funded Amount

SELECT SUM(LOAN\_AMOUNT)

FROM BANK\_LOAN\_DATA

WHERE LOAN\_STATUS = 'Charged off';



### Bad Loan Total Received Amount

SELECT SUM(TOTAL\_PAYMENT)

FROM BANK\_LOAN\_DATA

WHERE LOAN\_STATUS = 'Charged off';

Loan Status

SELECT LOAN\_STATUS,

COUNT(ID) AS LOAN\_COUNT,

SUM(LOAN\_AMOUNT) AS TOTAL\_FUNDED\_AMOUNT,

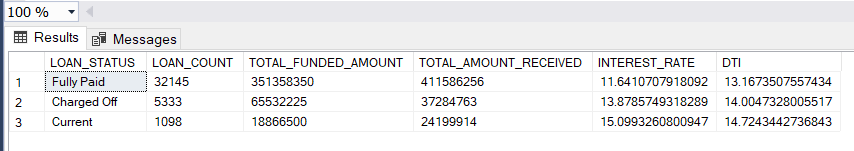
SUM(TOTAL\_PAYMENT) AS TOTAL\_AMOUNT\_RECEIVED,

AVG(INT\_RATE \* 100) AS INTEREST\_RATE,

AVG(DTI \*100) AS DTI

FROM BANK\_LOAN\_DATA

GROUP BY LOAN\_STATUS



SELECT LOAN\_STATUS,

SUM(TOTAL\_PAYMENT) AS MTD\_TOTAL\_AMOUNT\_RECEIVED,

SUM(LOAN\_AMOUNT) AS MTD\_TOTAL\_FUNDED\_AMOUNT

FROM BANK\_LOAN\_DATA

WHERE MONTH(ISSUE\_DATE) = 12

GROUP BY LOAN\_STATUS;

