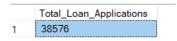
BANK LOAN REPORT QUERY DOCUMENT

1. BANK LOAN REPORT | SUMMARY

KPI's:

Total Loan Applications

SELECT COUNT(id) AS Total_Loan_Applications FROM bank_loan_data



MTD Loan Applications

SELECT COUNT(id) AS MTD_Total_Loan_Applications FROM bank_loan_data WHERE MONTH(issue date) = 12



PMTD Loan Applications

SELECT COUNT(id) AS MTD_Total_Loan_Applications FROM bank_loan_data WHERE MONTH(issue_date) = 12



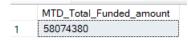
Total Funded Amount

SELECT SUM(loan_amount) AS Total_Funded_amount FROM bank_loan_data



MTD Total Funded Amount

SELECT SUM(total_payment) AS MTD_Total_Funded_amount FROM bank_loan_data WHERE MONTH(issue_date) = 12



PMTD Total Funded Amount

SELECT SUM(total_payment) AS PMTD_Total_Funded_amount FROM bank_loan_data WHERE MONTH(issue_date) = 11



Average Interest Rate

SELECT AVG(int_rate) AS Avg_intrest_rate FROM bank_loan_data
OR
SELECT ROUND(AVG(int_rate),4) * 100 AS Avg_intrest_rate FROM bank_loan_data





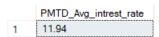
MTD Average interest Rate

SELECT ROUND(AVG(int_rate),4) * 100 AS Avg_MTD_intrest_rate FROM bank_loan_data WHERE MONTH(issue_date) = 12



PMTD Average interest Rate

SELECT ROUND(AVG(int_rate),4) * 100 AS PMTD_Avg _intrest_rate FROM bank_loan_data WHERE MONTH(issue_date) = 11



Avg DTI

SELECT ROUND(AVG(dti),4) * 100 AS Avg_DTI FROM bank_loan_data



MTD_Avg DTI

SELECT ROUND(AVG(dti),4) * 100 AS MTD_Avg_DTI FROM bank_loan_data WHERE MONTH(issue date) = 11



PMTD_Avg DTI

```
SELECT ROUND(AVG(dti),4) * 100 AS PMTD_Avg_DTI FROM bank_loan_data WHERE MONTH(issue_date) = 11
```

	PMTD_Avg_DTI
1	13.3

Good_loan_application_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
```

	Good_loan_percentage
1	86

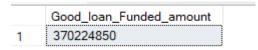
Total_Good_loan_applications

```
SELECT COUNT(id) AS Total_good_loan_applications FROM bank_loan_data WHERE (loan_status = 'Fully Paid' OR loan_status = 'Current')
```

```
Total_good_loan_applications
1 33243
```

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')



Good_loan_Total_Received_amount

SELECT SUM(Total_payment) AS Good_loan_received_amount FROM bank_loan_data WHERE (loan_status = 'Fully Paid' OR loan_status = 'Current')

```
Good_loan_received_amount
1 435786170
```

Bad loan application Percentage

```
SELECT

(COUNT(CASE WHEN loan_status = 'Charged Off' THEN id END)* 100)

COUNT(id) AS Bad_loan_percentage
FROM bank_loan_data

Bad_loan_percentage

1 13.824657818332
```

Total_Bad_loan_applications

SELECT COUNT(id) AS Total_bad_loan_applications FROM bank_loan_data WHERE loan_status = 'Charged off'

```
Total_bad_loan_applications
1 5333
```

Bad_loan_Funded_amount

SELECT SUM(loan_amount) AS Bad_loan_Funded_amount FROM bank_loan_data WHERE loan_status = 'Charged Off'

```
Bad_loan_Funded_amount
1 65532225
```

Bad_loan_Total_Received_amount

SELECT SUM(Total_payment) AS Bad_loan_received_amount FROM bank_loan_data WHERE loan_status = 'Charged Off'

```
Bad_loan_received_amount
1 37284763
```

Loan Status Grid View

```
SELECT loan_status,
    COUNT(id) AS Total_loan_applications,
    SUM(total_payment) AS Total_amount_received,
    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
```

	loan_status	Total_loan_applications	Total_amount_received	Total_funded_amount	Intrest_rate	DTI
1	Fully Paid	32145	411586256	351358350	11.6410707918092	13.1673507557434
2	Charged Off	5333	37284763	65532225	13.8785749318289	14.0047328005517
3	Current	1098	24199914	18866500	15.0993260800947	14.7243442736843

MTD_Loan Status Grid View

```
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
```

	loan_status	MTD_Total_amount_received	MTD_Total_funded_amount
1		47815851	41302025
2	Charged Off	5324211	8732775
3	Current	4934318	3946625