

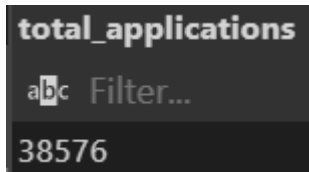
BANK LOAN REPORT QUERY DOCUMENT

A. BANK LOAN REPORT | SUMMARY

KPI's:

Total Loan Applications

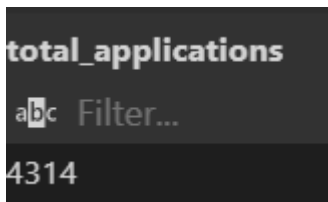
```
SELECT COUNT(id) AS Total_Applications FROM bank_loan_data
```



total_applications
abc Filter...
38576

MTD Loan Applications

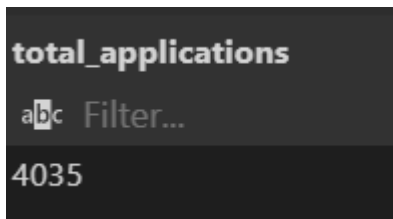
```
SELECT COUNT(id) AS Total_Applications FROM bank_loan_data  
WHERE EXTRACT (MONTH FROM issue_date) = 12
```



total_applications
abc Filter...
4314

PMTD Loan Applications

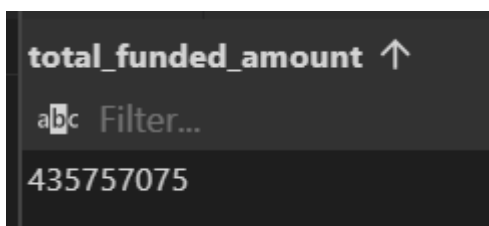
```
SELECT COUNT(id) AS Total_Applications FROM bank_loan_data  
WHERE EXTRACT (MONTH FROM issue_date) = 11
```



total_applications
abc Filter...
4035

Total Funded Amount

```
SELECT SUM(loan_amount) AS Total_Funded_Amount FROM bank_loan_data
```



total_funded_amount ↑
abc Filter...
435757075

MTD Total Funded Amount

```
SELECT SUM(loan_amount) AS Total_Funded_Amount FROM bank_loan_data  
WHERE MONTH(issue_date) = 12
```

total_funded_amount

abc Filter...

53981425

PMTD Total Funded Amount

```
SELECT SUM(loan_amount) AS Total_Funded_Amount FROM bank_loan_data
WHERE MONTH(issue_date) = 11
```

total_funded_amount

abc Filter...

47754825

Total Amount Received

```
SELECT SUM(total_payment) AS Total_Amount_Collected FROM bank_loan_data
```

total_amount_collected

abc Filter...

473070933

MTD Total Amount Received

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

total_amount_collected

abc Filter...

58074380

PMTD Total Amount Received

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

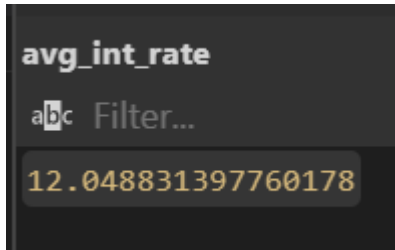
total_amount_collected

abc Filter...

50132030

Average Interest Rate

```
SELECT AVG(int_rate)*100 AS Avg_Int_Rate FROM bank_loan_data
```

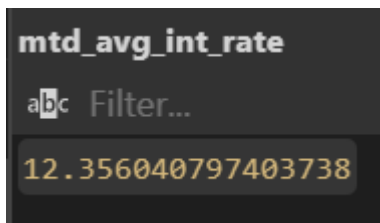


A screenshot of a data visualization tool showing a table with one row. The table has a header 'avg_int_rate' and a single cell containing the value '12.048831397760178'. Above the table is a search bar with the text 'abc Filter...'.

avg_int_rate
12.048831397760178

MTD Average Interest

```
SELECT AVG(int_rate)*100 AS MTD_Avg_Int_Rate FROM bank_loan_data  
WHERE MONTH(issue_date) = 12
```

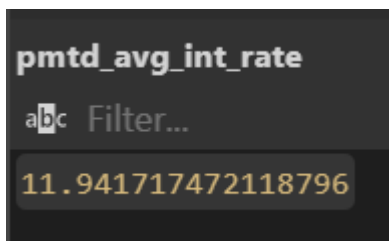


A screenshot of a data visualization tool showing a table with one row. The table has a header 'mtd_avg_int_rate' and a single cell containing the value '12.356040797403738'. Above the table is a search bar with the text 'abc Filter...'.

mtd_avg_int_rate
12.356040797403738

PMTD Average Interest

```
SELECT AVG(int_rate)*100 AS PMTD_Avg_Int_Rate FROM bank_loan_data  
WHERE MONTH(issue_date) = 11
```

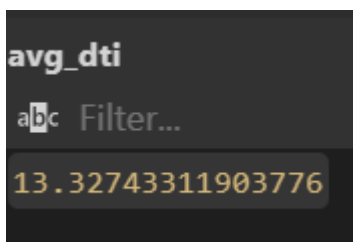


A screenshot of a data visualization tool showing a table with one row. The table has a header 'pmtd_avg_int_rate' and a single cell containing the value '11.941717472118796'. Above the table is a search bar with the text 'abc Filter...'.

pmtd_avg_int_rate
11.941717472118796

Avg DTI

```
SELECT AVG(dti)*100 AS Avg_DTI FROM bank_loan_data
```



A screenshot of a data visualization tool showing a table with one row. The table has a header 'avg_dti' and a single cell containing the value '13.32743311903776'. Above the table is a search bar with the text 'abc Filter...'.

avg_dti
13.32743311903776

MTD Avg DTI

```
SELECT AVG(dti)*100 AS MTD_Avg_DTI FROM bank_loan_data  
WHERE MONTH(issue_date) = 12
```

mtd_avg_dti
abc Filter...
13.66553778395922

PMTD Avg DTI

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

pmtd_avg_dti
abc Filter...
13.302733581164853

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_data
```

good_loan_perc...
abc Filter...
86.1753421816673579

Good Loan Applications

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

good_loan_applications
abc Filter...
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_funded_amount
abc Filter...
370224850

Good Loan Amount Received

```
SELECT SUM(total_payment) AS Good_Loan_amount_received FROM bank_loan_data
WHERE loan_status = 'Fully Paid' OR loan_status = 'Current'
```

good_loan_amount_received
abc Filter...
435786170

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_data
```

bad_loan_percentage
abc Filter...
13.8246578183326421

Bad Loan Applications

```
SELECT COUNT(id) AS Bad_Loan_Applications FROM bank_loan_data
WHERE loan_status = 'Charged Off'
```

bad_loan_applications
abc Filter...
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

abc Filter...

65532225

Bad Loan Amount Received

```
SELECT SUM(total_payment) AS Bad_Loan_amount_received FROM bank_loan_data
WHERE loan_status = 'Charged Off'
```

bad_loan_amount_received

abc Filter...

37284763

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_data
GROUP BY
  loan_status
```

loan_status	loancount	total_amount_re...	total_funded_a...	interest_rate	dti
abc Filter...	abc Filter...	abc Filter...	abc Filter...	abc Filter...	abc Filter...
Current	1098	24199914	18866500	15.0993260473588	14.724344262295068
Fully Paid	32145	411586256	351358350	11.641070773058658	13.167350754394164
Charged Off	5333	37284763	65532225	13.878574910931917	14.004732795799695

```
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
abc Filter...	abc Filter...	abc Filter...
Charged Off	5324211	8732775
Current	4934318	3946625
Fully Paid	47815851	41302025