Bank Loan query document

KPIs:

Total loan application

```
select count(id) as total_application from bank_loan

## Results Messages

total_application

1 38576
```

MTD loan Application

Total funded amount

MTD loan application

```
select count(id) as MTD_total_application from bank_loan where
month(last_credit_pull_date)=12 and year(last_credit_pull_date)=2021

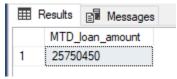
## Results Messages

MTD_total_application
1 2335
```

PMTD Loan Application

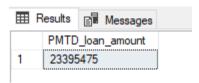
MTD Loan Amount

```
select sum(loan_amount) as MTD_loan_amount from bank_loan where
month(last_credit_pull_date)=12 and year(last_credit_pull_date)=2021
```



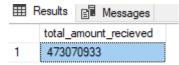
PMTD Loan Amount

select sum(loan_amount) as PMTD_loan_amount from bank_loan
where month(last_credit_pull_date)=11



Total Amount Received

select sum(total_payment) as total_amount_recieved from
bank_loan



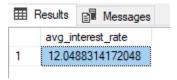
MTD Amount Received

```
select sum(total_payment) as total_amount_recieved from
bank_loan where month(last_credit_pull_date)=12 and
year(last_credit_pull_date)=2021
```

```
Results Messages
total_amount_recieved
1 27896129
```

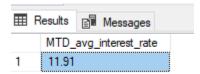
Avg Interest Rate

```
select AVG(int_rate)*100 as avg_interest_rate from
bank loan
```



MTD Avg Interest Rate

```
select ROUND(AVG(int_rate),4)*100 as MTD_avg_interest_rate
from bank_loan where month(last_credit_pull_date)=12 and
year(last_credit_pull_date)=2021
```



Avg_DTI

```
select round(AVG(dti), 3)*100 as avg_dti from bank_loan

Hesults Messa

avg_dti

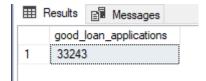
13.3
```

Good Loan Percentage

```
select
```

Good Loan Applications

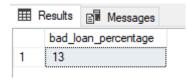
```
select count(id) as good_loan_applications from bank_loan
where loan_status='Fully Paid' or loan_status='Current'
```



Bad Loan Percentage

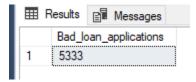
select

```
(count(case when loan_status='Charged Off' then id
end)*100)
/
count(id) as bad loan percentage from bank loan
```



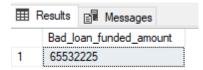
Bad Loan Application

select count(id) as Bad_loan_applications from bank_loan
where loan_status='Charged Off'



Bad Loan Funded Amount

select sum(loan_amount) as Bad_loan_funded_amount from bank_loan where loan_status='Charged Off'



Bad Loan Received Amount

```
select sum(total_payment) as Bad_loan_recieved_amount from
bank loan where loan status='Charged Off'
```

```
Results Messages

Bad_loan_recieved_amount

1 37284763
```

data by month

select

```
month(last_credit_pull_date),
  datename(month,last_credit_pull_date) as month_name,
  count(id) as total_application,
  sum(loan_amount) as total_funded_amount,
  sum(total_payment) as total_recieved_amount
  from bank_loan group by month(last_credit_pull_date),
  datename(month,last_credit_pull_date) order by
  clast_application
```

month(last_credit_pull_date)

⊞ Results							
	(No column name)	month_name	total_applicaton	total_funded_amount	total_recieved_amount		
1	1	January	2024	21790150	24343776		
2	2	February	2994	33467775	36310583		
3	3	March	3205	35413125	39787896		
4	4	April	4249	49696625	54698720		
5	5	May	11915	141842175	151792507		
6	6	June	1699	17758650	19113052		
7	7	July	1996	21680725	23487908		
8	8	August	1972	21045250	22730891		
9	9	September	2047	22602275	24582235		
10	10	October	1997	21314400	23434760		
11	11	November	2143	23395475	24892476		

Query executed successfully.

DESI

State Data

```
select
```

```
address_state,
  count(id) as total_applicaton,
  sum(loan_amount) as total_funded_amount,
  sum(total_payment) as total_recieved_amount
  from bank_loan group by address_state
  order by address_state
```

⊞ F	Ⅲ Results 🗐 Messages							
	address_state	total_applicaton	total_funded_amount	total_recieved_amount				
1	AK	78	1031800	1108570				
2	AL	432	4949225	5492272				
3	AR	236	2529700	2777875				
4	AZ	833	9206000	10041986				
5	CA	6894	78484125	83901234				
6	CO	770	8976000	9845810				
7	CT	730	8435575	9357612				
8	DC	214	2652350	2921854				
9	DE	110	1138100	1269136				
10	FL	2773	30046125	31601905				
11	GA	1355	15480325	16728040				

Query executed successfully.