

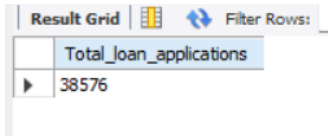
BANK LOAN REPORT QUERY DOCUMENT

A. BANK LOAN REPORT | SUMMARY

KEY PERFORMANCE INDICATOR:

Total Loan Applications

```
select count(id) AS Total_loan_applications from financial_loan
```

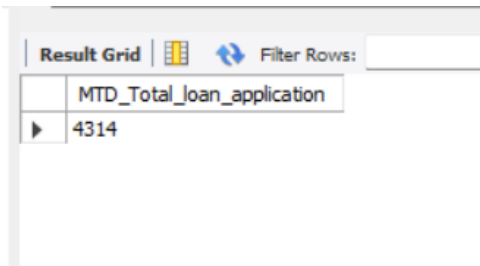


A screenshot of a SQL query result grid. The grid has a header row with the column name 'Total_loan_applications' and a data row with the value '38576'. Above the grid, there are icons for 'Result Grid', a grid icon, and a 'Filter Rows' button.

Total_loan_applications
38576

MTD Loan Applications

```
SELECT COUNT (id) AS MTD_Total_loan_application  
FROM financial_loan  
WHERE MONTH(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 12;
```

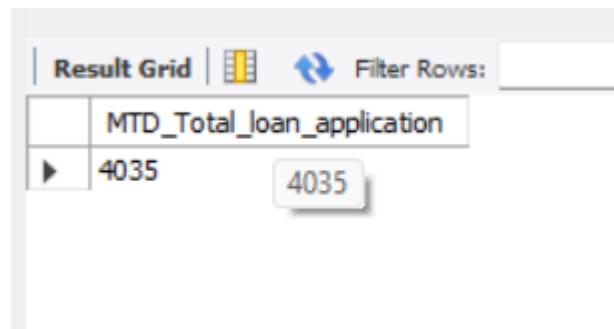


A screenshot of a SQL query result grid. The grid has a header row with the column name 'MTD_Total_loan_application' and a data row with the value '4314'. Above the grid, there are icons for 'Result Grid', a grid icon, and a 'Filter Rows' button.

MTD_Total_loan_application
4314

PMTD Loan Applications

```
SELECT COUNT(id) AS MTD_Total_loan_application  
FROM financial_loan  
WHERE MONTH(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 11
```

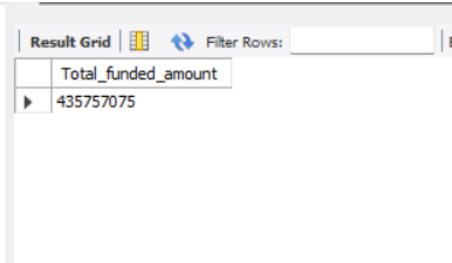


A screenshot of a SQL query result grid. The grid has a header row with the column name 'MTD_Total_loan_application' and a data row with the value '4035'. Above the grid, there are icons for 'Result Grid', a grid icon, and a 'Filter Rows' button. A tooltip is visible over the value '4035'.

MTD_Total_loan_application
4035

Total Funded Amount

```
select sum(loan_amount) AS Total_funded_amount FROM financial_loan
```

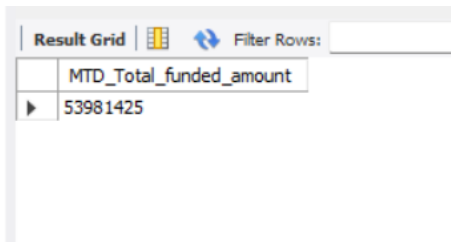


The screenshot shows a 'Result Grid' with a 'Filter Rows' input field. The grid contains one row with the column name 'Total_funded_amount' and the value '435757075'.

Total_funded_amount
435757075

MTD Funded Amount

```
SELECT sum(loan_amount) AS MTD_Total_funded_amount  
FROM financial_loan  
WHERE MONTH(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 12  
AND YEAR(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 2021;
```

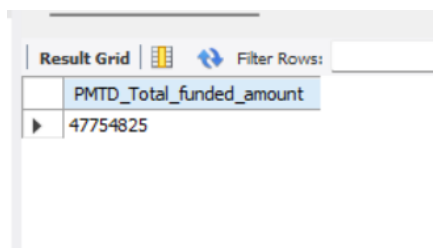


The screenshot shows a 'Result Grid' with a 'Filter Rows' input field. The grid contains one row with the column name 'MTD_Total_funded_amount' and the value '53981425'.

MTD_Total_funded_amount
53981425

PMTD Funded Amount

```
SELECT sum(loan_amount) AS PMTD_Total_funded_amount  
FROM financial_loan  
WHERE MONTH(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 11  
AND YEAR(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 2021;
```

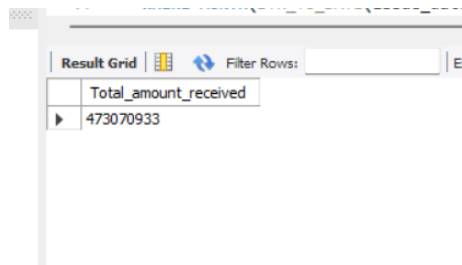


The screenshot shows a 'Result Grid' with a 'Filter Rows' input field. The grid contains one row with the column name 'PMTD_Total_funded_amount' and the value '47754825'.

PMTD_Total_funded_amount
47754825

Total Amount Received

select sum(total_payment) as Total_amount_received from financial_loan



The screenshot shows a SQL query result grid with a single row. The column header is 'Total_amount_received' and the value is 473070933. The interface includes a 'Result Grid' tab, a 'Filter Rows' button, and an 'Export' button.

Total_amount_received
473070933

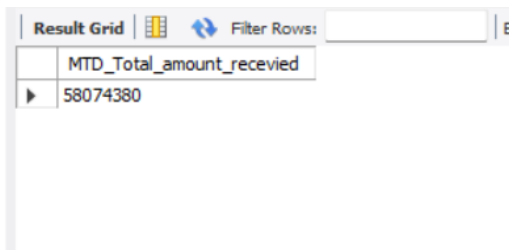
MTD Total Amount Received

SELECT sum(total_payment) AS MTD_Total_amount_received

FROM financial_loan

WHERE MONTH(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 12

AND YEAR(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 202



The screenshot shows a SQL query result grid with a single row. The column header is 'MTD_Total_amount_received' and the value is 58074380. The interface includes a 'Result Grid' tab, a 'Filter Rows' button, and an 'Export' button.

MTD_Total_amount_received
58074380

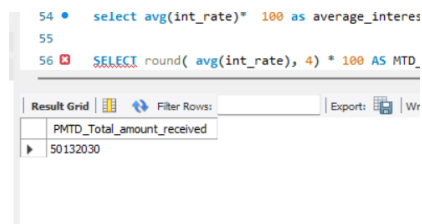
PMTD Total Amount Received

SELECT sum(total_payment) AS PMTD_Total_amount_received

FROM financial_loan

WHERE MONTH(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 11

AND YEAR(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 2021;

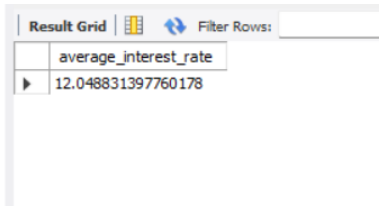


The screenshot shows a SQL query result grid with a single row. The column header is 'PMTD_Total_amount_received' and the value is 50132030. The interface includes a 'Result Grid' tab, a 'Filter Rows' button, and an 'Export' button.

PMTD_Total_amount_received
50132030

Average Interest Rate

```
select avg(int_rate)* 100 as average_interest_rate from financial_loan
```



A screenshot of a SQL query result grid. The grid has a header row with the column name 'average_interest_rate' and a data row with the value '12.048831397760178'. Above the grid, there are icons for 'Result Grid', a grid icon, a refresh icon, and a 'Filter Rows:' input field.

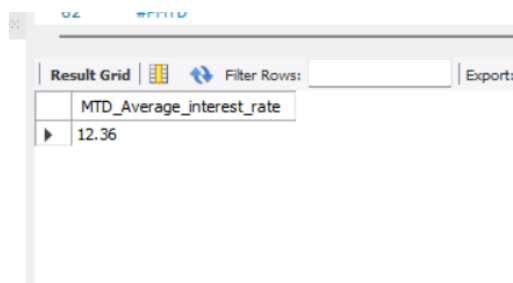
average_interest_rate
12.048831397760178

MTD Average Interest Rate

```
SELECT round( avg(int_rate), 4) * 100 AS MTD_Average_interest_rate  
FROM financial_loan
```

```
WHERE MONTH(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 12
```

```
AND YEAR(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 2021;
```



A screenshot of a SQL query result grid. The grid has a header row with the column name 'MTD_Average_interest_rate' and a data row with the value '12.36'. Above the grid, there are icons for 'Result Grid', a grid icon, a refresh icon, a 'Filter Rows:' input field, and an 'Export:' button.

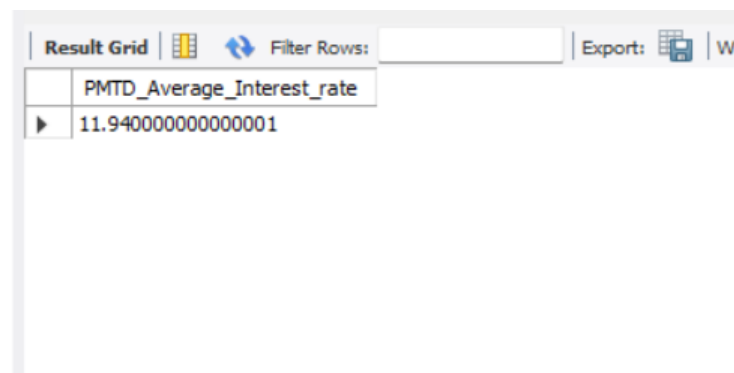
MTD_Average_interest_rate
12.36

PMTD Average Interest Rate

```
SELECT round( avg(int_rate), 4) * 100 AS PMTD_Average_interest_rate  
FROM financial_loan
```

```
WHERE MONTH(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 11
```

```
AND YEAR(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 2021;
```

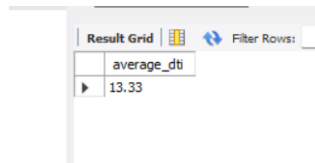


A screenshot of a SQL query result grid. The grid has a header row with the column name 'PMTD_Average_Interest_rate' and a data row with the value '11.940000000000001'. Above the grid, there are icons for 'Result Grid', a grid icon, a refresh icon, a 'Filter Rows:' input field, an 'Export:' button, and a 'W' icon.

PMTD_Average_Interest_rate
11.940000000000001

Avg DTI

```
select round( avg(dti), 4) * 100 as average_dti from financial_loan
```

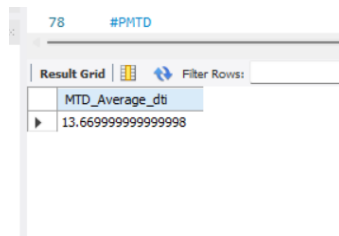


A screenshot of a SQL query result grid. The grid has two columns: 'average_dti' and a value '13.33'. The grid is titled 'Result Grid' and has a 'Filter Rows' button.

average_dti
13.33

MTD Avg DTI

```
SELECT round( avg(dti), 4) * 100 AS MTD_Average_dti  
FROM financial_loan  
WHERE MONTH(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 12  
AND YEAR(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 2021;
```

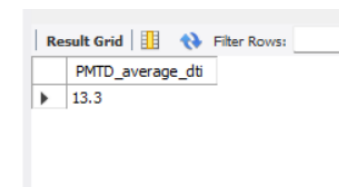


A screenshot of a SQL query result grid. The grid has two columns: 'MTD_Average_dti' and a value '13.669999999999998'. The grid is titled 'Result Grid' and has a 'Filter Rows' button. The title bar shows '78 #PMTD'.

MTD_Average_dti
13.669999999999998

PMTD Avg DTI

```
SELECT round( avg(dti), 4) * 100 AS PMTD_Average_dti  
FROM financial_loan  
WHERE MONTH(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 11  
AND YEAR(STR_TO_DATE(issue_date, '%d-%m-%Y')) = 2021;
```



A screenshot of a SQL query result grid. The grid has two columns: 'PMTD_average_dti' and a value '13.3'. The grid is titled 'Result Grid' and has a 'Filter Rows' button.

PMTD_average_dti
13.3

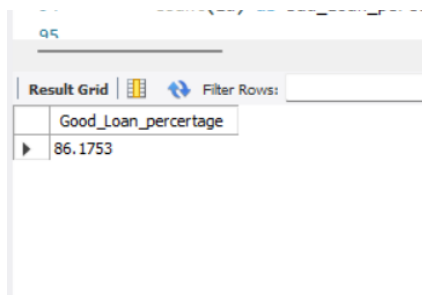
GOOD LOAN ISSUED

Good Loan Percentage

```
select
```

```
(count(case when loan_status = 'Fully paid' or loan_status = 'current' then id end)* 100)/
```

```
count(id) as Good_Loan_percertage  
from financial_loan
```

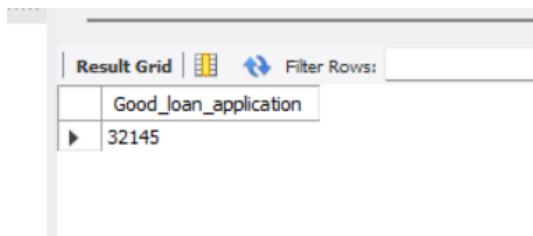


Result Grid | Filter Rows:

Good_Loan_percertage
86.1753

Good loan Application

```
select count(id) as Good_loan_application from financial_loan  
where loan_status = 'Fully paid' or loan_status = ' current'
```

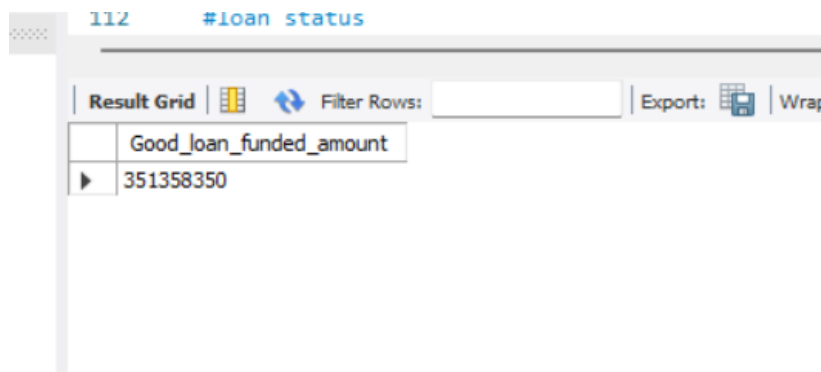


Result Grid | Filter Rows:

Good_loan_application
32145

Good loan Funded Amount

```
select sum(loan_amount) as Good_loan_funded_amount from financial_loan  
where loan_status = 'Fully paid' or loan_status = ' current'
```



112 #loan status

Result Grid | Filter Rows: | Export: | Wrap

Good_loan_funded_amount
351358350

Good Total Recevied Amount

```
select sum(total_payment) as Good_loan_recieved_amount from financial_loan where  
loan_status = 'Fully paid' or loan_status = ' current'
```

112 #loan_status

Result Grid	Filter Rows:
Good_loan_recieved_amount	
411586256	

BAD LOAN ISSUED

Bad loan percentage

select

```
(count(case when loan_status = 'Charged off' then id end)* 100.0)/
count(id) as bad_Loan_percertage from financial_loan;
```

Result Grid	Filter Rows:
bad_Loan_percertage	
13.82466	

Bad loan Application

select count(id) as bad_loan_application from financial_loan where loan_status = 'Charged off'

Result Grid	Filter Rows:
bad_loan_application	
5333	

Bad loan Funded Amount

select sum(loan_amount) as bad_loan_funded_amount from financial_loan where loan_status = 'Charged off'

bad_loan_funded_amount
65532225

Bad loan Amount Recevied

select sum(total_payment) as bad_loan_recieved_amount from financial_loan where loan_status = 'Charged off'

112 #loan status

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
bad_loan_recieved_amount			
37284763			

LOAN STATUS

select

loan_status,

count(id) as total_loan_application,

sum(total_payment) as total_amount_receieved,

sum(loan_amount)as total_funded_Amount,

avg(int_rate * 100) as interest_rate,

avg(dti * 100) as DTI

from

financial_loan

group by

loan_status

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	loan_status	total_loan_application	total_amount_receieved	total_funded_Amount	interest_rate	DTI
▶	Charged Off	5333	37284763	65532225	13.878574910931917	14.004732795799695
	Fully Paid	32145	411586256	351358350	11.641070773058658	13.167350754394164
	Current	1098	24199914	18866500	15.0993260473588	14.724344262295068

B. BANK LOAN REPORT | OVERVIEW

MONTH


```

SELECT
    MONTHNAME(issue_date) AS month_name,
    COUNT(id) AS total_loan_application,
    SUM(loan_amount) AS total_funded_amount,
    SUM(total_payment) AS total_received_amount
FROM financial_loan
GROUP BY MONTH(issue_date), MONTHNAME(issue_date)
ORDER BY MONTH(issue_date);

```



Result Grid  Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 				
	month_name	total_loan_application	total_funded_amount	total_received_amount
▶	NULL	38576	435757075	473070933

STATE


```

select address_state,
    COUNT(id) AS total_loan_application,
    SUM(loan_amount) AS total_funded_amount,
    SUM(total_payment) AS total_received_amount
from financial_loan
group by address_state
order by sum(loan_amount) desc;

```

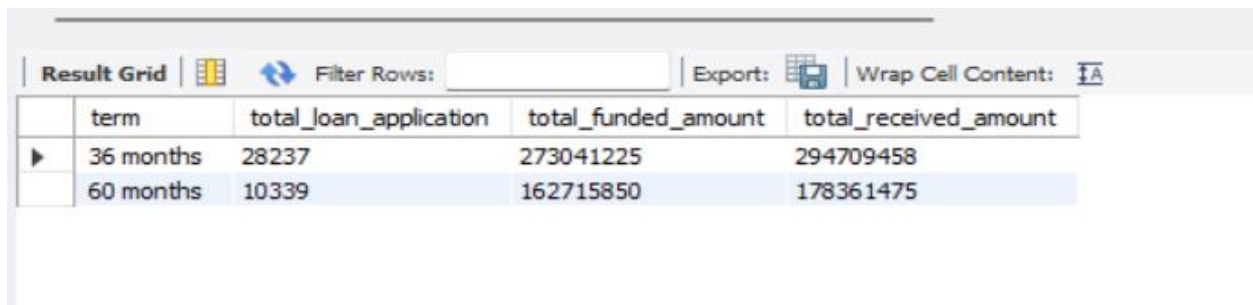
Result Grid   Filter Rows: Export:  Wrap Cell Content: 

	address_state	total_loan_application	total_funded_amount	total_received_amount
	NJ	1822	21657475	23425159
	IL	1486	17124225	18875941
	VA	1375	15982650	17711443
	PA	1482	15826525	17462908
	GA	1355	15480325	16728040
	MA	1310	15051000	16676279
	OH	1188	12991375	14330148
	MD	1027	11911400	12985170
	AZ	833	9206000	10041986
	CO	770	8976000	9845810
	WA	805	8855525	9531739
	NC	759	8787575	9534813
	CT	730	8435575	9357612
	MI	685	7829900	8543660
	MO	660	7151175	7692732
	MN	592	6302600	6750746
	NV	482	5307375	5451443
	SC	464	5080475	5462458
	WI	446	5070450	5485161
	AL	432	4949225	5492272
	OR	436	4720150	4966903
	LA	426	4498900	5001160
	KY	320	3504100	3792530
	OK	293	3365725	3712649

Result 33 

TERM

```
select
    term,
    COUNT(id) AS total_loan_application,
    SUM(loan_amount) AS total_funded_amount,
    SUM(total_payment) AS total_received_amount
from financial_loan
group by term
order by term
```



The screenshot shows a web-based data table interface. At the top, there is a toolbar with options: 'Result Grid' (selected), 'Filter Rows:' (with a search input), 'Export:' (with a download icon), and 'Wrap Cell Content:' (with a text icon). Below the toolbar is a table with 4 columns: 'term', 'total_loan_application', 'total_funded_amount', and 'total_received_amount'. The table contains two rows of data. The first row is for '36 months' with values 28237, 273041225, and 294709458. The second row is for '60 months' with values 10339, 162715850, and 178361475. The second row is highlighted in blue.

	term	total_loan_application	total_funded_amount	total_received_amount
▶	36 months	28237	273041225	294709458
	60 months	10339	162715850	178361475

EMPLOYEE LENGTH

```
select
    emp_length,
    COUNT(id) AS total_loan_application,
    SUM(loan_amount) AS total_funded_amount,
    SUM(total_payment) AS total_received_amount
from financial_loan
group by emp_length
order by emp_length
```

Result Grid				
		Filter Rows:	Export:	
		Wrap Cell Content:		
	emp_length	total_loan_application	total_funded_amount	total_received_amount
▶	< 1 year	4575	44210625	47545011
	1 year	3229	32883125	35498348
	10+ years	8870	116115950	125871616
	2 years	4382	44967975	49206961
	3 years	4088	43937850	47551832
	4 years	3428	37600375	40964850
	5 years	3273	36973625	40397571
	6 years	2228	25612650	27908658
	7 years	1772	20811725	22584136
	8 years	1476	17558950	19025777
	9 years	1255	15084225	16516173

PURPOSE

select

purpose,

COUNT(id) AS total_loan_application,




SUM(loan_amount) AS total_funded_amount,

SUM(total_payment) AS total_received_amount

from financial_loan

group by purpose

order by count(id) desc

Result Grid  Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 				
	purpose	total_loan_application	total_funded_amount	total_received_amou
▶	Debt consolidation	18214	232459675	253801871
	credit card	4998	58885175	65214084
	other	3824	31155750	33289676
	home improvement	2876	33350775	36380930
	major purchase	2110	17251600	18676927
	small business	1776	24123100	23814817
	car	1497	10223575	11324914
	wedding	928	9225800	10266856
	medical	667	5533225	5851372
	moving	559	3748125	3999899
	house	366	4824925	5185538
	vacation	352	1967950	2116738
	educational	315	2161650	2248380
	renewable_energy	94	845750	898931

HOME OWNERSHIP

select

home_ownership,

COUNT(id) AS total_loan_application,





SUM(loan_amount) AS total_funded_amount,

SUM(total_payment) AS total_received_amount

from financial_loan

group by home_ownership

order by count(id) desc

Result Grid   Filter Rows: <input type="text"/>					Export: 	Wrap Cell Content: 
	home_ownership	total_loan_application	total_funded_amount	total_received_amount		
▶	RENT	18439	185768475	201823056		
	MORTGAGE	17198	219329150	238474438		
	OWN	2838	29597675	31729129		
	OTHER	98	1044975	1025257		
	NONE	3	16800	19053		

