

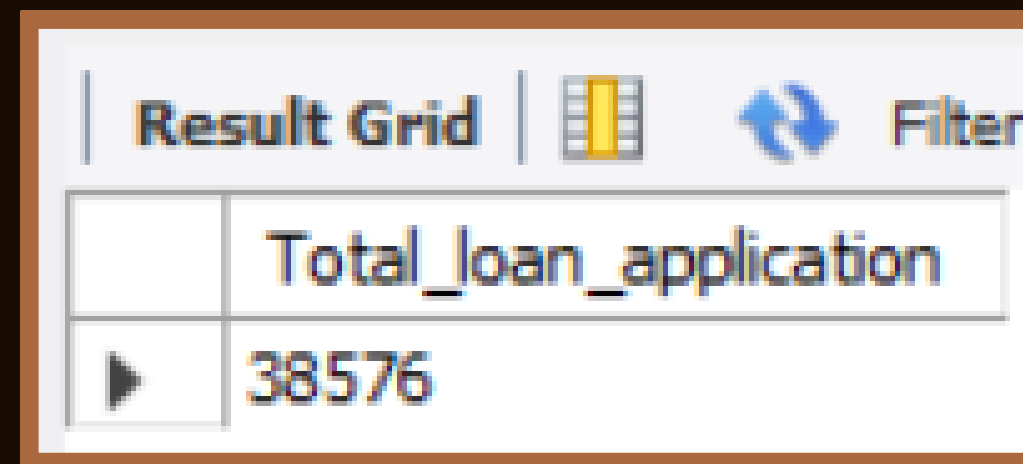
FINANCE

BANK LOAN



1.what is the total loan application?

```
SELECT COUNT(id) AS Total_loan_application  
FROM bank_loan.financial_loan1;
```

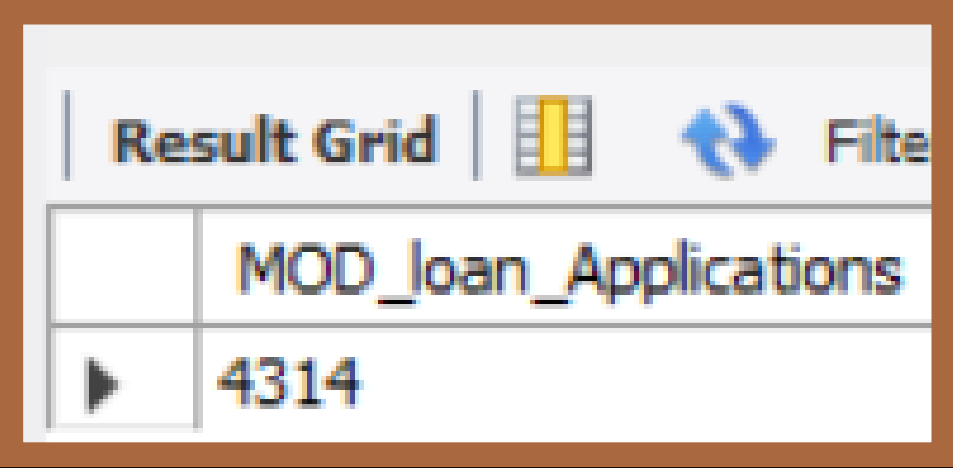


The screenshot shows a database query result grid. At the top, there is a header bar with the text "Result Grid" and a "Filter" button. Below the header, there is a table with one column and one row. The column is labeled "Total_loan_application" and the row contains the value "38576".

Result Grid Filter	
	Total_loan_application
▶	38576

2.what is Month-to-date (MOD) loan application?

```
SELECT COUNT(id) AS MOD_loan_Applications  
FROM bank_loan.financial_loan1  
WHERE MONTH(issue_date) = 12  
and year(issue_date) = 2021;
```

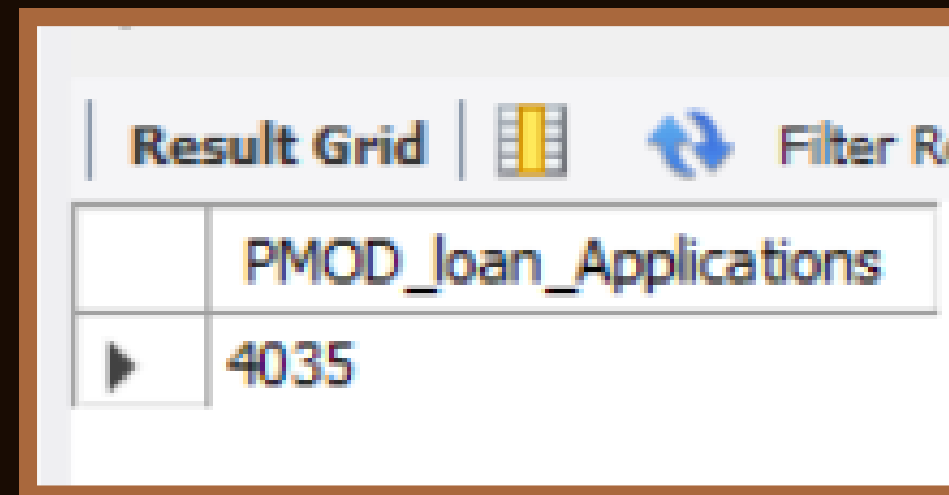


A screenshot of a database query result grid. The grid has a header row with the column name 'MOD_loan_Applications' and a data row with the value '4314'. The grid is titled 'Result Grid' and includes icons for a table, a refresh button, and a filter button.

Result Grid		Filter
	MOD_loan_Applications	
▶	4314	

3.what is Previous-Month-to-date(pMOD) loan application?

```
SELECT COUNT(id) AS PMOD_loan_Applications  
FROM bank_loan.financial_loan1  
WHERE MONTH(issue_date) = 11  
and year(issue_date) = 2021;
```

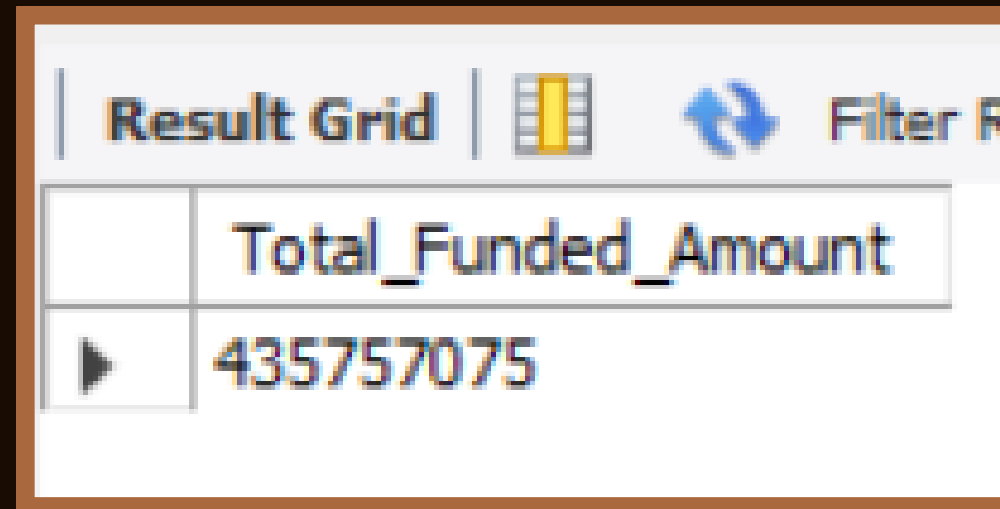


The screenshot shows a 'Result Grid' window with a toolbar containing icons for a grid, a refresh button, and a 'Filter Rows' label. The grid displays a single row with the column name 'PMOD_loan_Applications' and the value '4035'.

	PMOD_loan_Applications
▶	4035

4.what is total funded amount?

```
SELECT SUM(loan_amount) AS Total_Funded_Amount  
FROM bank_loan.financial_loan1;
```

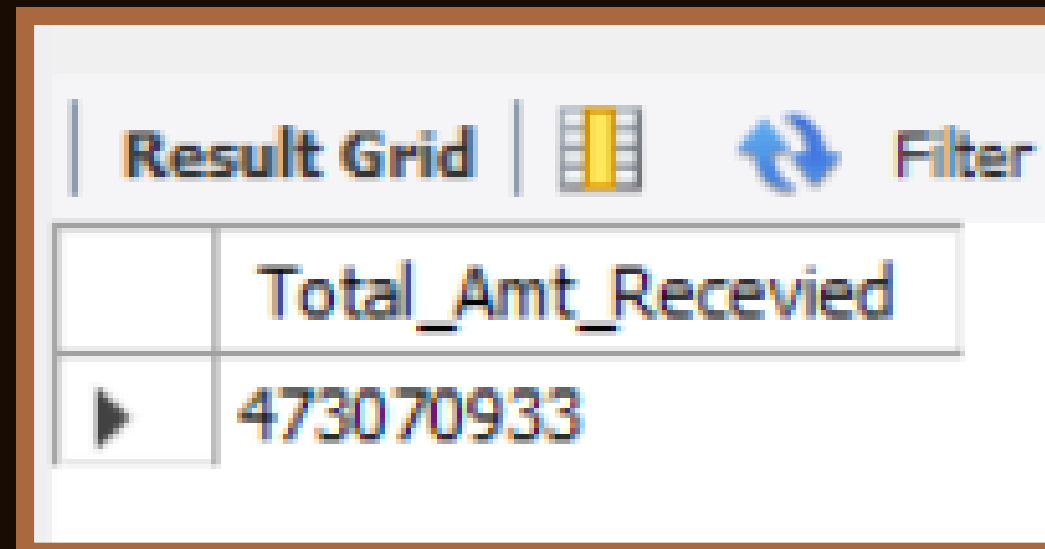


The screenshot shows a database interface with a 'Result Grid' tab. The grid contains one column named 'Total_Funded_Amount' and one row with the value '435757075'. The interface includes icons for a grid, a refresh button, and a filter button.

Total_Funded_Amount
435757075

5.what is total amount received?

```
SELECT SUM(total_payment) AS Total_Amt_Received  
FROM bank_loan.financial_loan1;
```

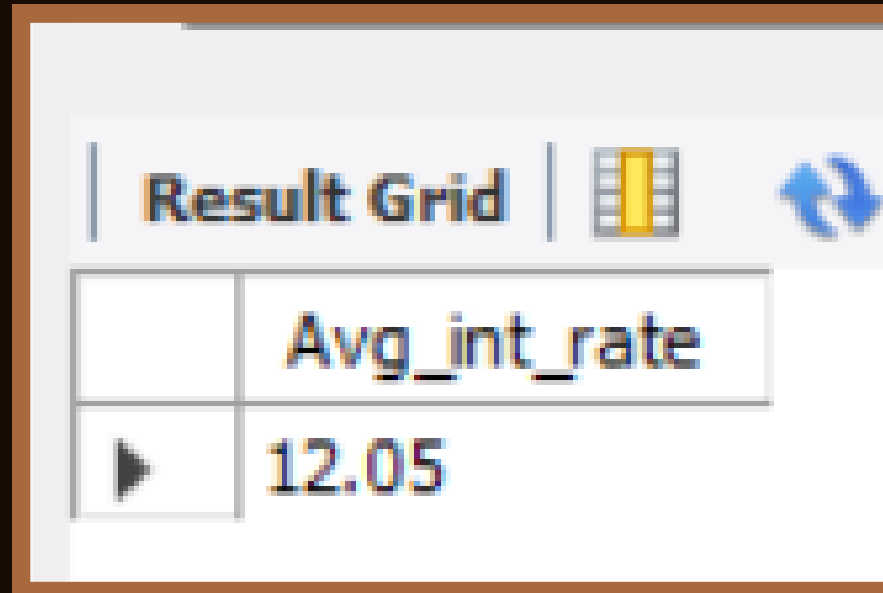


The screenshot shows a database interface with a 'Result Grid' tab. The grid contains one row with the column name 'Total_Amt_Received' and a value of '473070933'. There are icons for grid view, refresh, and filter at the top of the grid.

	Total_Amt_Received
▶	473070933

6.what is Average Interest Rate?

```
SELECT Round(avg(int_rate)*100,2) AS Avg_int_rate  
FROM bank_loan.financial_loan1;
```

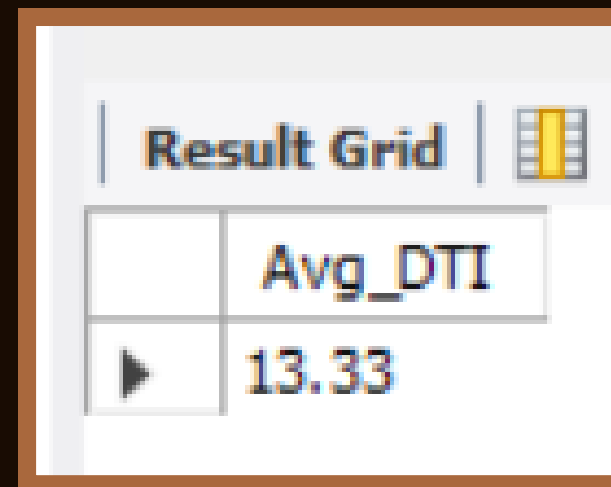


A screenshot of a database query result window titled "Result Grid". It displays a single row of data with the column name "Avg_int_rate" and the value "12.05". The window includes a toolbar with a refresh icon and a grid icon.

	Avg_int_rate
▶	12.05

7.what is Average Debt-To-Income (DTI)?

```
SELECT Round(avg(dti)*100,2) AS Avg_DTI  
FROM bank_loan.financial_loan1;
```



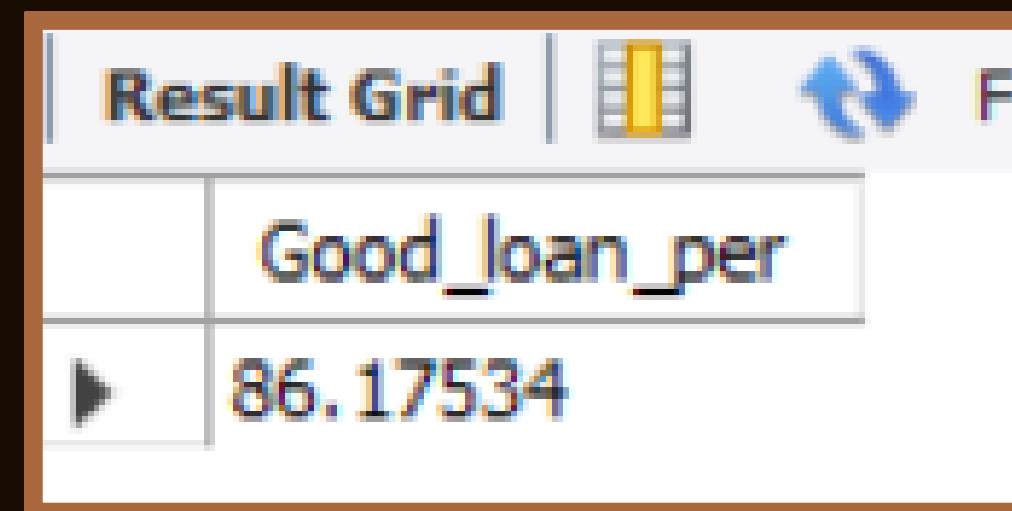
A screenshot of a SQL query result grid. The grid has a header row with the column name 'Avg_DTI' and a data row with the value '13.33'. The grid is titled 'Result Grid' and has a yellow icon in the top right corner.

	Avg_DTI
▶	13.33

*8. what is the percentage of good loan ?
good loan means= fully_paid and current?*

SELECT

```
(COUNT(CASE WHEN loan_status = 'Fully Paid' OR loan_status = 'Current'  
THEN id END) * 100.0 ) / COUNT(id) AS Good_loan_per  
FROM bank_loan.financial_loan1;
```

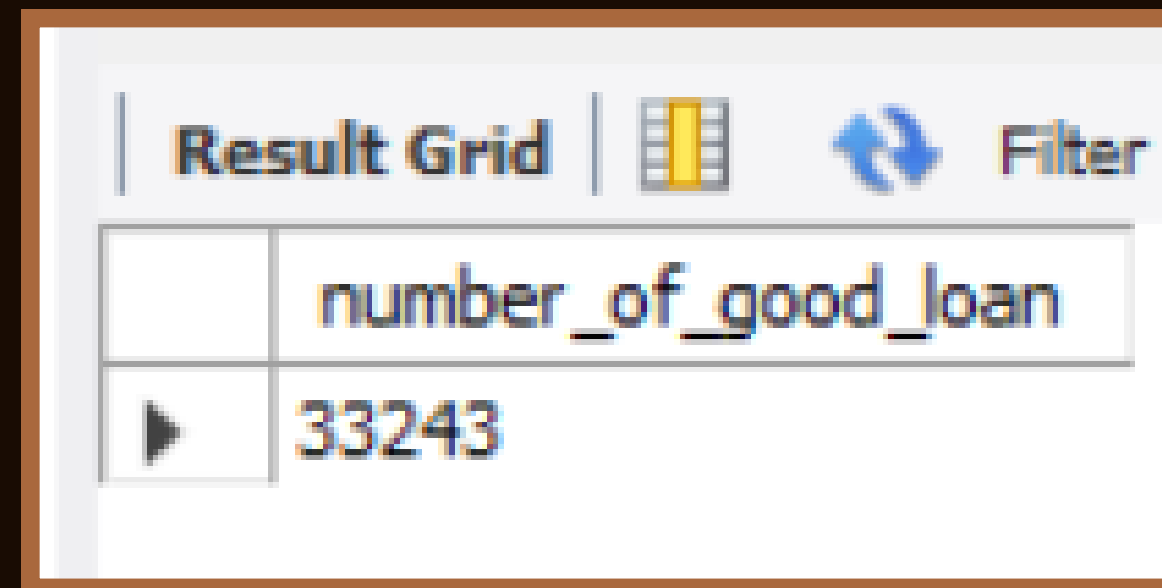


The screenshot shows a 'Result Grid' window with a single column named 'Good_loan_per' and one row containing the value '86.17534'. The window has a title bar with 'Result Grid' and some icons.

	Good_loan_per
▶	86.17534

9. *what is the number of good loan?*

```
SELECT COUNT(id) AS number_of_good_loan  
FROM bank_loan.financial_loan1  
WHERE loan_status= 'Fully Paid'  
OR loan_status= 'Current' ;
```

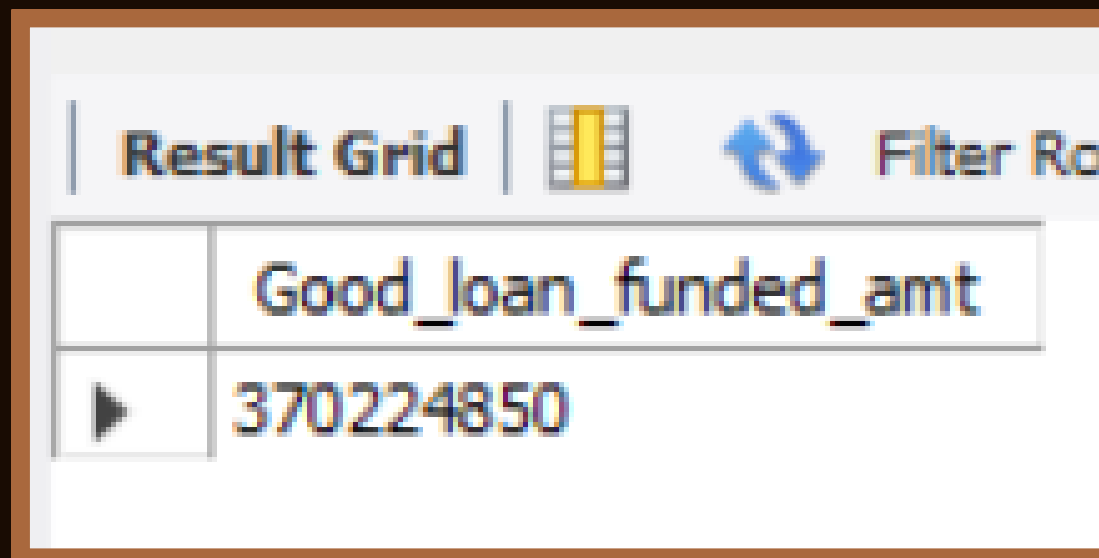


The screenshot shows a 'Result Grid' window with a toolbar containing a grid icon, a refresh icon, and a 'Filter' button. The grid has two rows: a header row with the column name 'number_of_good_loan' and a data row with the value '33243' preceded by a small black triangle icon.

	number_of_good_loan
▶	33243

10.what is total funded amount of good loan application ?

```
SELECT SUM(loan_amount) AS Good_loan_funded_amt  
FROM bank_loan.financial_loan1  
WHERE loan_status= 'Fully Paid'  
OR loan_status= 'Current' ;
```

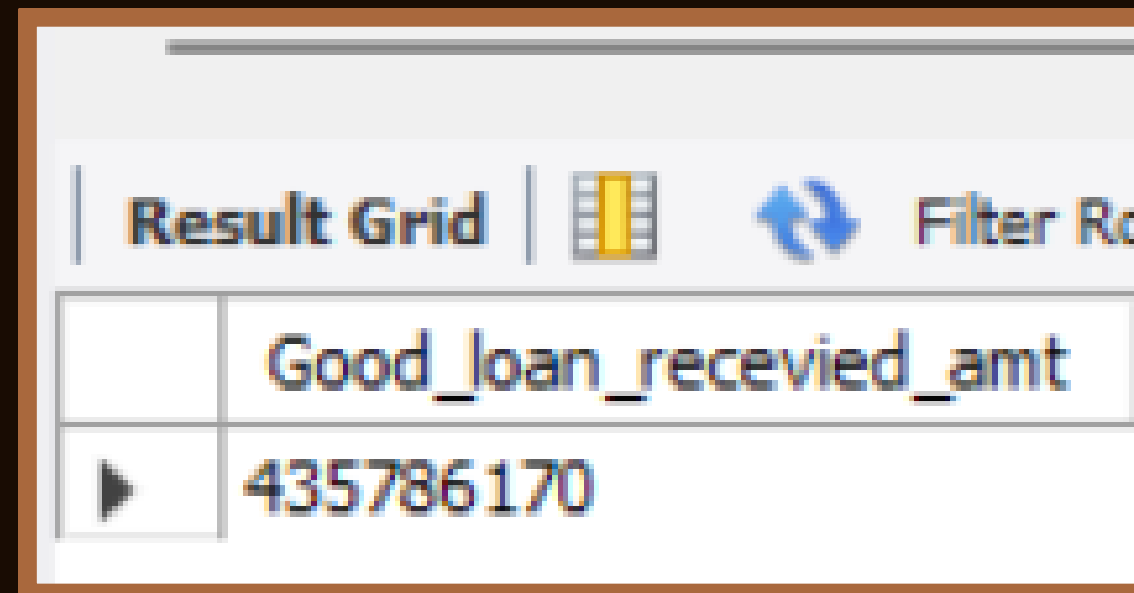


The screenshot shows a 'Result Grid' window with a toolbar containing icons for a grid, a refresh button, and a 'Filter Rows' label. The grid displays a single row of data with the column header 'Good_loan_funded_amt' and the value '370224850'.



	Good_loan_funded_amt
▶	370224850

11.what is total amount recevied of good loan application

```
SELECT SUM(total_payment) AS Good_loan_recevied_amt  
FROM bank_loan.financial_loan1  
WHERE loan_status= 'Fully Paid'  
OR loan_status= 'Current' ;
```

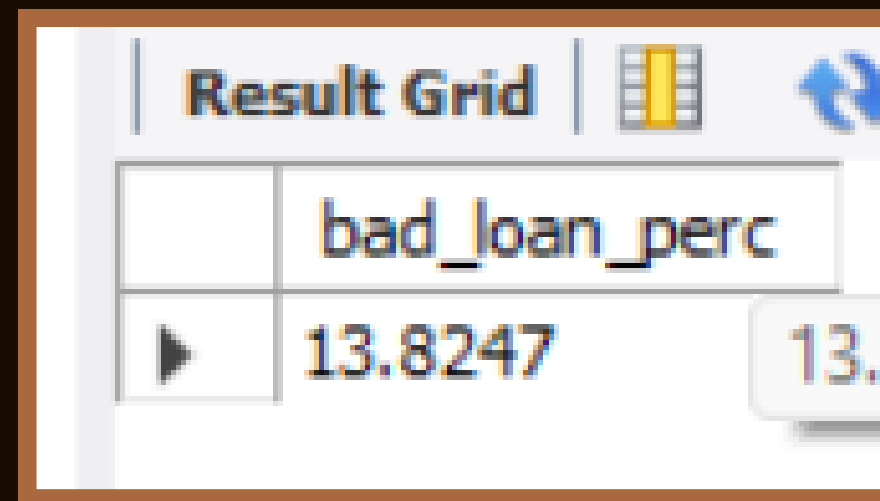


The screenshot shows a database interface with a 'Result Grid' tab. The grid contains one row with the column name 'Good_loan_recevied_amt' and the value '435786170'. There are icons for filtering and sorting in the header.

Result Grid   Filter Row	
	Good_loan_recevied_amt
▶	435786170

12.what is the percentage of bad loan ?

```
SELECT  
    (COUNT(CASE WHEN loan_status = 'Charged Off'  
        THEN id END)*100) / COUNT(id) AS bad_loan_perc  
FROM bank_loan.financial_loan1;
```

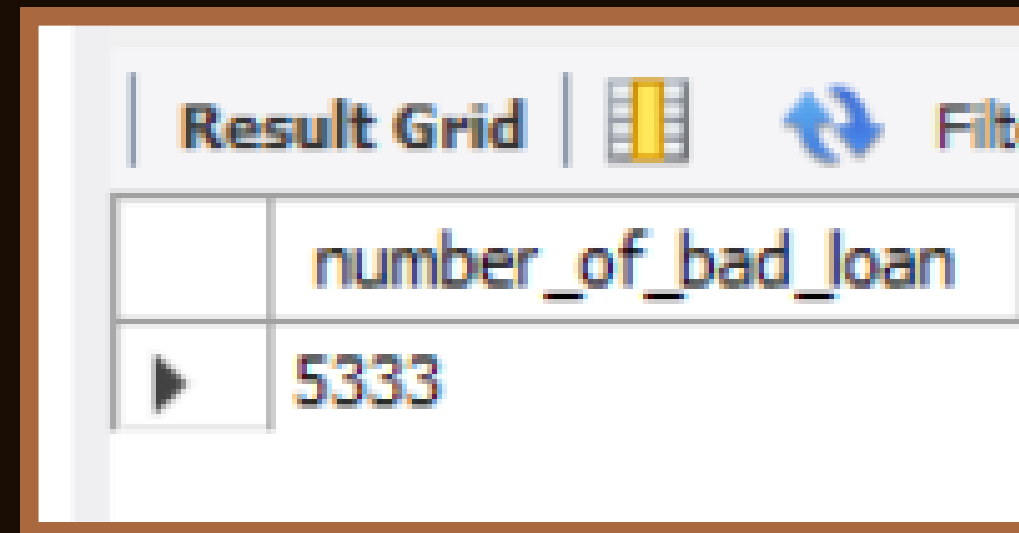


A screenshot of a SQL query result grid. The grid has a header row with the column name 'bad_loan_perc' and a data row with the value '13.8247'. The grid is titled 'Result Grid' and has a blue refresh icon in the top right corner.

	bad_loan_perc
▶	13.8247

13.what is the number of bad loan ?

```
SELECT COUNT(id) AS number_of_bad_loan  
FROM bank_loan.financial_loan1  
WHERE loan_status= 'Charged Off' ;
```

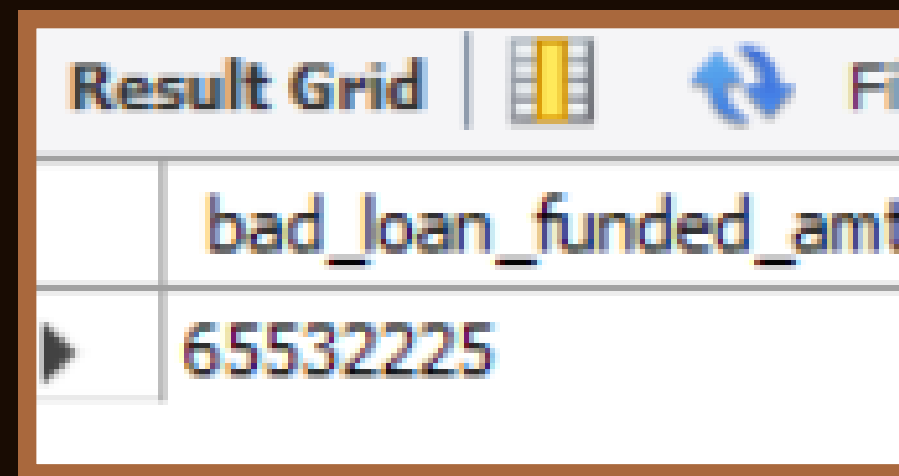


The screenshot shows a 'Result Grid' window with a toolbar containing icons for a grid, a refresh button, and a filter button. The grid has two rows: a header row with the column name 'number_of_bad_loan' and a data row with the value '5333'. A small black triangle icon is visible in the first column of the data row.

	number_of_bad_loan
▶	5333

14.what is total funded amount of bad loan application ?

```
SELECT SUM(loan_amount) AS bad_loan_funded_amt  
FROM bank_loan.financial_loan1  
WHERE loan_status= 'Charged Off' ;
```

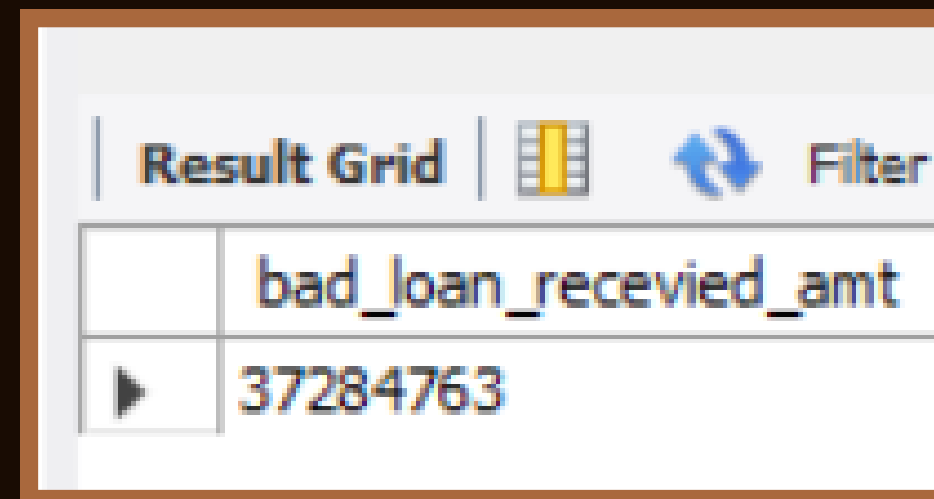


The screenshot shows a 'Result Grid' window with a toolbar containing icons for a grid, a refresh button, and a file icon. The grid has two rows: a header row with the column name 'bad_loan_funded_amt' and a data row with the value '65532225'.

Result Grid			
	bad_loan_funded_amt		
▶	65532225		

15.what is total amount recevied of bad loan application ?

```
SELECT SUM(total_payment) AS bad_loan_recevied_amt  
FROM bank_loan.financial_loan1  
WHERE loan_status= 'Charged Off' ;
```



The screenshot shows a 'Result Grid' window with a toolbar containing a table icon, a refresh icon, and a 'Filter' button. The grid displays a single row with the column name 'bad_loan_recevied_amt' and the value '37284763'.

	bad_loan_recevied_amt
▶	37284763

16.what is loan status with respect to AMOUNT RECEIVED, AMOUNT FUNDED , INTEREST RATE , DTI ?

```
SELECT
loan_status,
COUNT(id) AS Loan_Count ,
SUM(loan_amount) AS Total_Amt_Funded ,
SUM(total_payment) AS Total_Amt_Rec ,
AVG(int_rate*100) AS Avg_Int_Rate ,
AVG(dti*100) AS Avg_Dti
FROM bank_loan.financial_loan1
GROUP BY loan_status;
```

	loan_status	Loan_Count	Total_Amt_Funded	Total_Amt_Rec	Avg_Int_Rate	Avg_Dti
►	Charged Off	5333	65532225	37284763	13.878574910931917	14.004732795799695
	Fully Paid	32145	351358350	411586256	11.641070773058658	13.167350754394164
	Current	1098	18866500	24199914	15.0993260473588	14.724344262295068