BANK LOAN REPORT QUERY DOCUMENT

A) BANK LOAN REPORT | SUMMARY - DASHBOARD 1

1. Total Loan Applications

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))* ** X

SELECT * FROM bank_loan_data

SELECT COUNT(id) AS Total_Applications FROM bank_loan_data

99 % 

Results Messages

Total_Applications

1 38576
```

2. MTD (Month-to-Date) Loan Applications

```
SQLQuery1.sql - VA...VAIDNVaidehi (74))* -D X

SELECT * FROM bank_loan_data

SELECT COUNT(id) AS Total_Applications FROM bank_loan_data

WHERE MONTH(issue_date) = 12

99 % - 4

■ Results • Messages

Total_Applications

1 4314
```

3. PMTD (Previous-Month-to-Date) Loan Applications

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))* - X

SELECT * FROM bank_loan_data

SELECT COUNT(id) AS Total_Applications FROM bank_loan_data

WHERE MONTH(issue_date) = 11

99 % - 4

Results Messages

Total_Applications
1 4035
```

4. Total Funded Amount

5. MTD (Month-To-Date) Total Funded Amount

```
SQLQuery1.sql - VA...VAIDN\Vaidehi (74))* *** ×

SELECT * FROM bank_loan_data

SELECT SUM(loan_amount) AS Total_Funded_Amount FROM bank_loan_data

WHERE MONTH(issue_date) = 12

99 % **

If Results ** Messages*

Total_Funded_Amount
1 53981425
```

6. PMTD (Previous-Month-to-Date) Total Funded Amount

7. Total Amount Received

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))*  
SELECT * FROM bank_loan_data

SELECT SUM(total_payment) AS Total_Amount_Collected FROM bank_loan_data

99 %  
Results  
Messages

Total_Amount_Collected
1  473070933
```

8. Total Amount Received

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))* ** ×

SELECT * FROM bank_loan_data

SELECT SUM(total_payment) AS Total_Amount_Collected FROM bank_loan_data

WHERE MONTH(issue_date) = 12

BResults & Messages

Total_Amount_Collected

1 58074380
```

9. PMTD (Previous-Month-to-Date) Total Amount Received

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))*  
SELECT * FROM bank_loan_data

SELECT SUM(total_payment) AS Total_Amount_Collected FROM bank_loan_data

WHERE MONTH(issue_date) = 11

99 %  

■ Results  
Messages

Total_Amount_Collected

1 50132030
```

10. Average Interest Rate

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74)* ** X

SELECT * FROM bank_loan_data

SELECT AVG(int_rate)*100 AS Avg_Int_Rate FROM bank_loan_data

99 % **

Results ** Messages

Avg_Int_Rate

1 12.0488314172048
```

11. MTD (Month-to-Date) Average Interest

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))* ***

SELECT * FROM bank_loan_data

SELECT AVG(int_rate)*100 AS MTD_AVg_Int_Rate FROM bank_loan_data

NHERE MONTH(issue_date) = 12

BResults Messages

MTD_Avg_Int_Rate

1 12.3560408676042
```

12. PMTD (Previous-Month-to-Date) Average Interest

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))* ** X

SELECT * FROM bank_loan_data

SELECT AVG(int_rate)*100 AS PMTD_Avg_Int_Rate FROM bank_loan_data

WHERE MONTH(issue_date) = 11

Bresults Mr Messages

PMTD_Avg_Int_Rate

1 11.9417175498261
```

13. Avg DTI (Debt-To-Income)

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))* ** ×

SELECT * FROM bank_loan_data

SELECT AVG(dti)*100 AS Avg_DTI FROM bank_loan_data

99 % **

Results **

Avg_DTI

1 **
13.3274331211432
```

14. MTD (Month-to-Date) Avg DTI

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))* - > X

SELECT * FROM bank_loan_data

- SELECT AVG(dti)*100 AS MTD_AVg_DTI FROM bank_loan_data

WHERE MONTH(issue_date) = 12

99 % - 4

■ Results Messages

MTD_AVg_DTI

1 13.6655377880425
```

15. PMTD (Previous-Month-to-Date) Avg DTI

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))* ** ×

SELECT * FROM bank_loan_data

SELECT AVG(dti)*100 AS PMTD_Avg_DTI FROM bank_loan_data

WHERE MONTH(issue_date) = 11

99 % * 

Results * Messages*

PMTD_Avg_DTI

1 13.3027335836364
```

GOOD LOAN ISSUED

16. Good Loan Percentage

17. Good Loan Applications

```
SQLQuery1.sql - VA...VAID\\Vaidehi (74))* > X

SELECT * FROM bank_loan_data

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

99 % - 4

Results @ Messages

Good_Loan_Applications

1 33243
```

18. Good Loan Funded Amount

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))* ** X

SELECT * FROM bank_loan_data

SELECT SUM(loan_amount) AS Good_Loan_Funded_amount FROM bank_loan_data

WHERE loan_status = 'Fully Paid' OR loan_status = 'Current'

Results ** Messages**

Good_Loan_Funded_amount

370224850
```

19. Good Loan Amount Received

BAD LOAN ISSUED

20. Bad Loan Percentage

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))* ** X

SELECT * FROM bank_loan_data

SELECT (COUNT(CASE WHEN loan_status = 'Charged Off' THEN id END) * 100.0) /
COUNT(id) AS Bad_Loan_Percentage

FROM bank_loan_data

### Results ## Messages

Bad_Loan_Percentage

1 13.824657818332
```

21. Bad Loan Applications

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))* ** X

SELECT * FROM bank_loan_data

- SELECT COUNT(id) AS Bad_Loan_Applications FROM bank_loan_data

WHERE loan_status = 'Charged Off'

The Results of Messages

Bad_Loan_Applications

1 53333
```

22. Bad Loan Funded Amount

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))*  
SELECT * FROM bank_loan_data

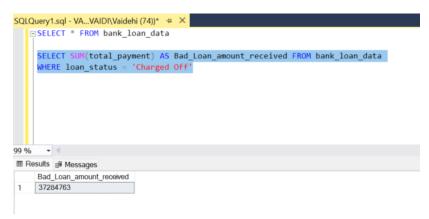
SELECT SUM(loan_amount) AS Bad_Loan_Funded_amount FROM bank_loan_data

WHERE loan_status = 'Charged Off'

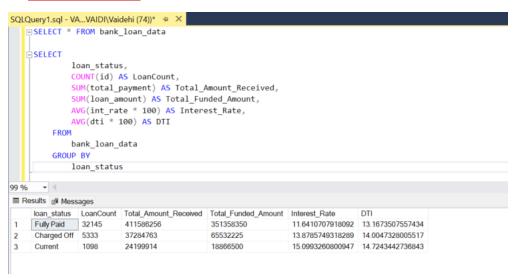
Results  
Bad_Loan_Funded_amount

1 65532225
```

23. Bad Loan Amount Received



24. LOAN STATUS



```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))* ** X

SELECT * FROM bank_loan_data

| 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 |
| GROUP BY loan_status |
| I Fully Paid | 47815851 | 41302025 |
| Charged Off 5324211 | 8732775 |
| 3 Current 4934318 | 3946625
```

B)BANK LOAN REPORT | OVERVIEW

24.MONTH

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))* → ×
    SELECT * FROM bank_loan_data
        MONTH(issue_date) AS Month_Munber,
DATENAME(MONTH, issue_date) AS Month_name,
COUNT(id) AS Total_Loan_Applications,
          SUM(loan_amount) AS Total_Funded_Amount,
           SUM(total_payment) AS Total_Amount_Received
      FROM bank_loan_data
     GROUP BY MONTH(issue_date), DATENAME(MONTH, issue_date)
ORDER BY MONTH(issue_date)
99 %
Month_Munber Month_name Total_Loan_Applications Total_Funded_Amount Total_Amount_Received
                January
                                 2332
                                                       25031650
                                                                            27578836
                    February
                                 2279
                                                       24647825
                                                                            27717745
                    March
                                 2627
                                                       28875700
                                                                            32264400
                    April
                                 2755
                                                       29800800
                                                                            32495533
                    May
                                 2911
                                                       31738350
                                                                            33750523
6
      6
                    June
                                 3184
                                                       34161475
                                                                            36164533
                    July
                                 3366
                                                       35813900
                                                                            38827220
8
      8
                    August
                                 3441
                                                       38149600
                                                                            42682218
                    September
                                 3536
                                                       40907725
                                                                            43983948
 10
      10
                    October
                                 3796
                                                       44893800
                                                                            49399567
 11
     11
                    November
                                 4035
                                                       47754825
                                                                            50132030
 12
      12
                    December
                                 4314
                                                       53981425
                                                                            58074380
```

25. STATE

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))* 😕 🗙
    SELECT * FROM bank loan data
     SELECT
         address_state AS State,
              T(id) AS Total_Loan_Applications,
             (loan_amount) AS Total_Funded_Amount,
            (total_payment) AS Total_Amount_Received
     FROM bank_loan_data
      ROUP BY address_state
     ORDER BY address_state
99 %
Total_Loan_Applications
                               AK 78
                               1031800
                                                  1108570
     AL
           432
                               4949225
                                                  5492272
     AR
           236
                               2529700
                                                  2777875
4
     ΑZ
           833
                               9206000
                                                  10041986
5
     CA
           6894
                               78484125
                                                  83901234
6
     CO
           770
                               8976000
                                                  9845810
     CT
           730
                               8435575
                                                  9357612
    DC
                               2652350
                                                  2921854
8
           214
9
     DE
           110
                               1138100
                                                  1269136
     FL
           2773
                               30046125
                                                  31601905
10
     GA
                               15480325
                                                  16728040
11
           1355
     Н
           170
                               1850525
                                                  2080184
12
13
     IA
                               56450
                                                  64482
     ID
                               59750
                                                  65329
14
15
     IL
           1486
                               17124225
                                                  18875941
     IN
                                                  85521
16
                               86225
17
     KS
           260
                               2872325
                                                  3247394
18
     KY
                               3504100
                                                  3792530
19
     LA
           426
                               4498900
                                                  5001160
20
     MA
           1310
                               15051000
                                                  16676279
21
     MD
           1027
                               11911400
                                                  12985170
22
     ME
                               9200
                                                  10808
23
     MI
           685
                               7829900
                                                  8543660
24
     MN
           592
                               6302600
                                                  6750746
                                                  7692732
25
     MO
           660
                               7151175
26
     MS
           19
                               139125
                                                  149342
     MT
                               829525
                                                  892047
27
           79
                               8787575
     NC
           759
                                                  9534813
28
                                                  24542
29
     NE
                               31700
                               1917900
                                                  2101386
30
     NH
           161
     NJ
                               21657475
                                                  23425159
31
           1822
32
     NM
           183
                               1916775
                                                  2084485
                               5307375
                                                  5451443
     NV
           482
33
     NY
           3701
                               42077050
                                                  46108181
34
     ОН
                               12991375
                                                  14330148
35

    Query executed successfully

                                                                                                      VAIDI (16.0 RTM) VAIDI\Vaidehi (74) Bank Loan DB 00:00:00 50 rows
```

26. **TERM**

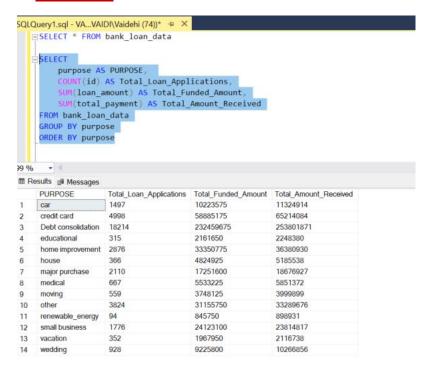
```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))* 🖘 🗙

SQLQuery1.sql - VA...VAIDI\Vaidehi (74))*
         term AS Term,
              IT(id) AS Total_Loan_Applications,
             M(loan_amount) AS Total_Funded_Amount,
            M(total_payment) AS Total_Amount_Received
      FROM bank_loan_data
      ROUP BY term
      ORDER BY term
99 %
Term
               Total_Loan_Applications Total_Funded_Amount
                                                        Total_Amount_Received
     36 months 28237
                                     273041225
                                                         294709458
                                     162715850
     60 months 10339
                                                         178361475
```

27. EMPLOYEE LENGTH

```
SQLQuery1.sql - VA...VAIDI\Vaidehi (74))* → ×
    SELECT * FROM bank_loan_data
          emp_length AS Employee_Length,
                (id) AS Total_Loan_Applications,
             (loan_amount) AS Total_Funded_Amount,
             M(total_payment) AS Total_Amount_Received
      FROM bank_loan_data
      GROUP BY emp_length
      ORDER BY emp_length
99 %
■ Results  Messages
     Employee_Length Total_Loan_Applications Total_Funded_Amount Total_Amount_Received
                      4575
                                           44210625
                                                              47545011
      1 year
                      3229
                                           32883125
                                                              35498348
     10+ years
                      8870
                                           116115950
                                                               125871616
4
     2 years
                      4382
                                           44967975
                                                              49206961
     3 years
                      4088
                                           43937850
                                                              47551832
6
     4 years
                      3428
                                           37600375
                                                              40964850
                                           36973625
                                                              40397571
     5 years
                      3273
                                           25612650
                                                              27908658
8
     6 years
                      2228
                                           20811725
                                                              22584136
     7 years
                      1772
                                           17558950
                                                               19025777
10
     8 years
                      1476
11
     9 years
                      1255
                                           15084225
                                                              16516173
```

28. PURPOSE



29. HOME OWNERSHIP

