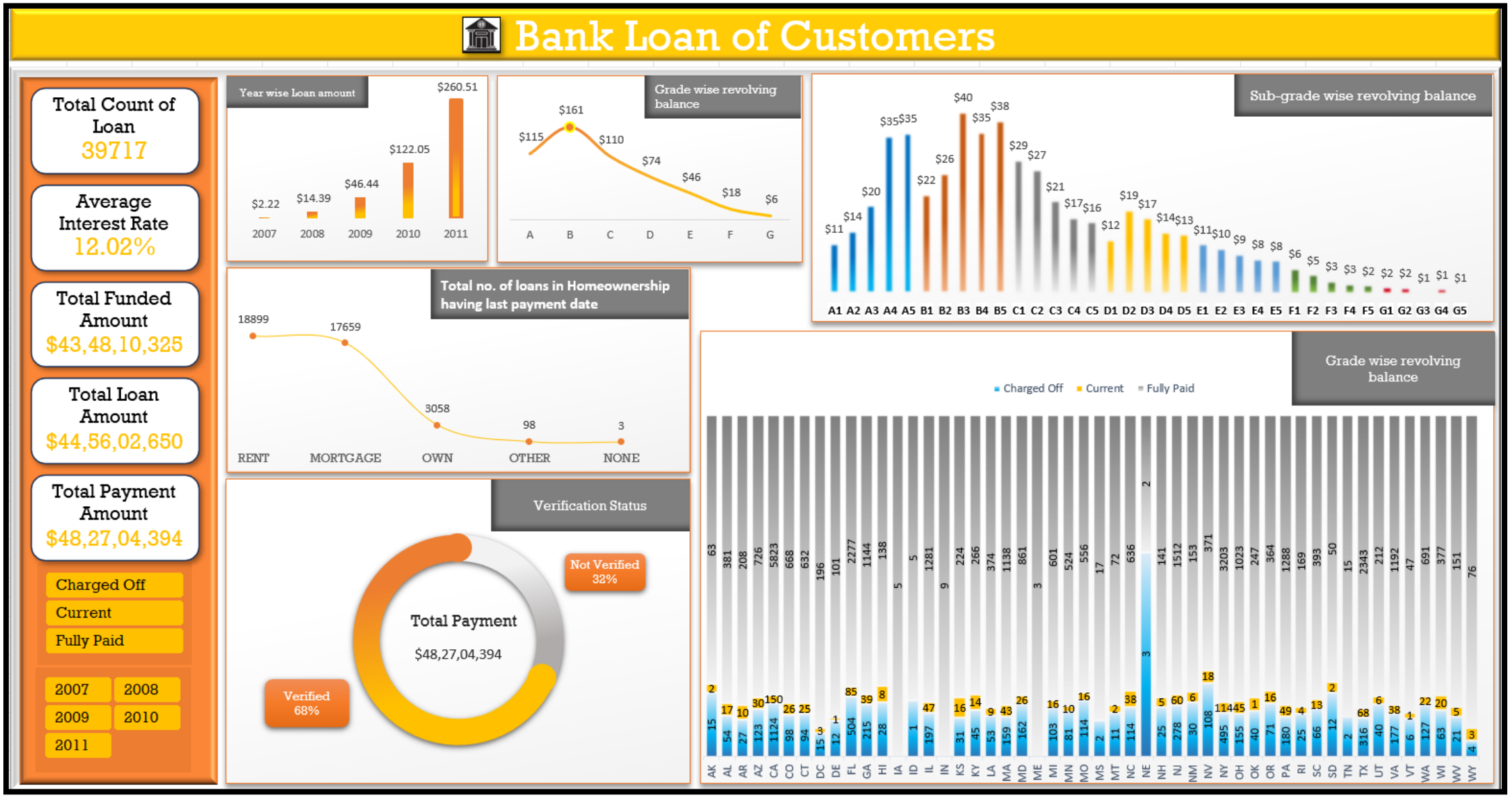
MS EXCEL DASHBOARD



POWER BI DASHBOARD

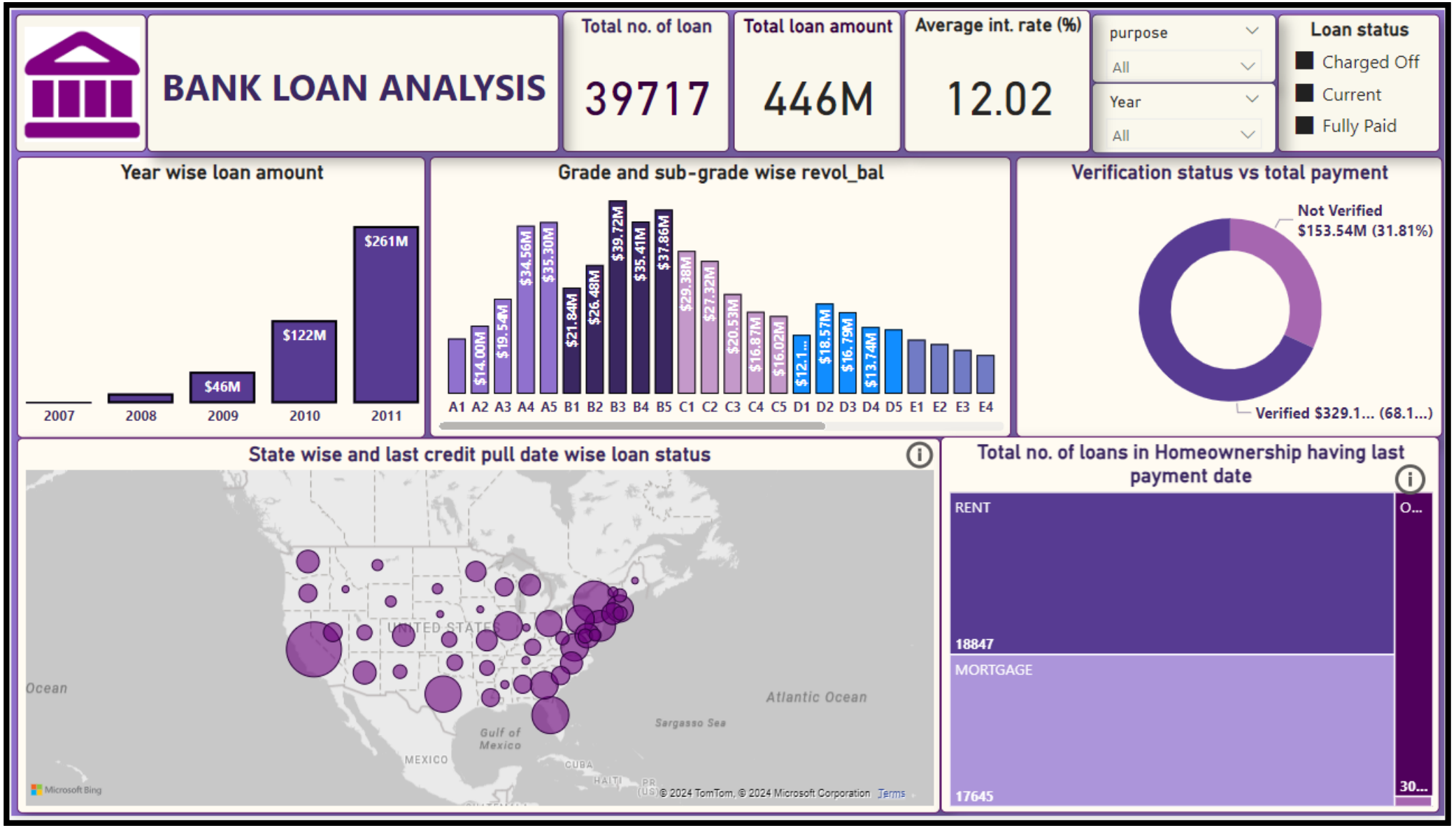
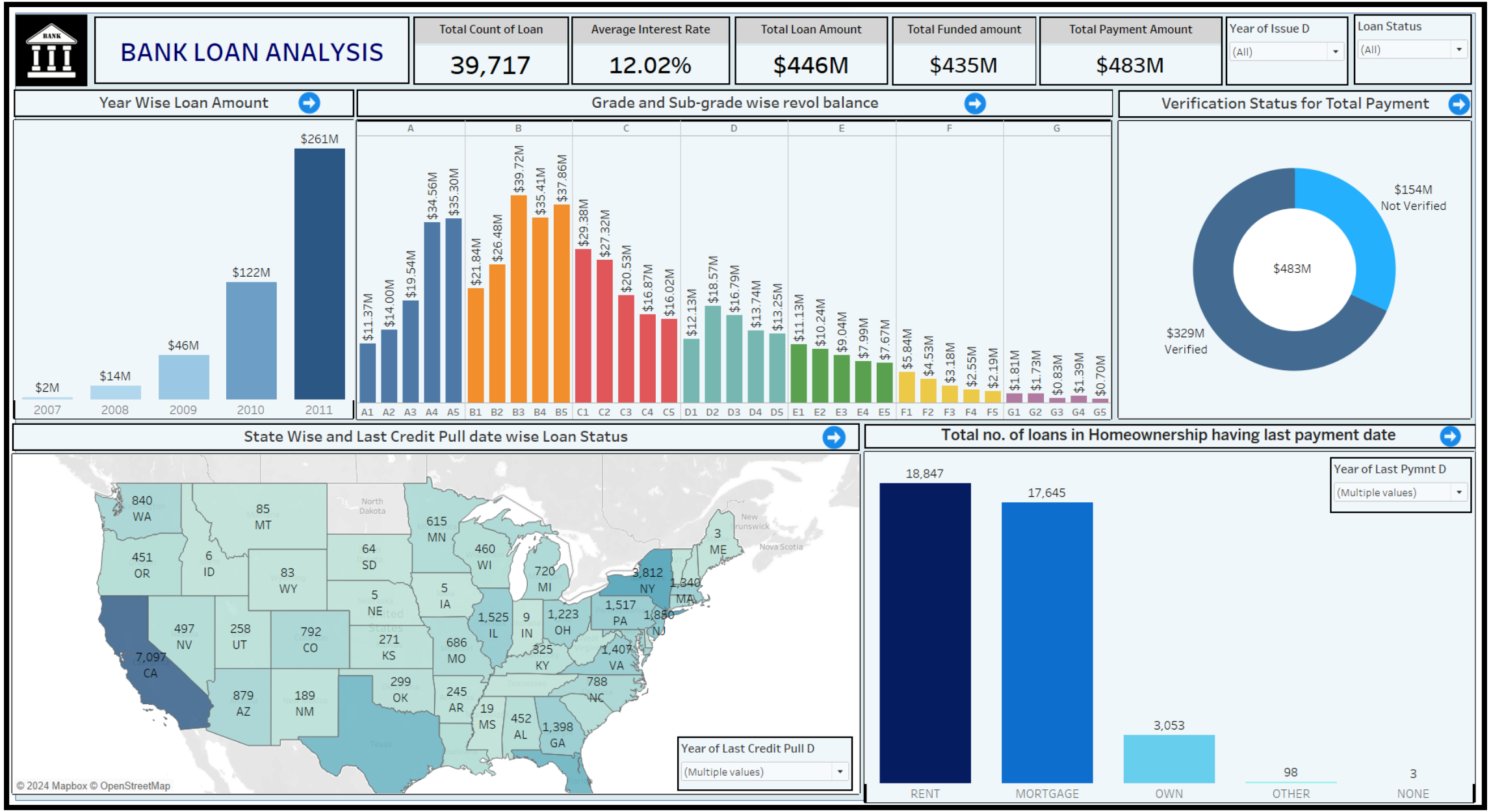


TABLEAU DASHBOARD



SQL QUERIES

```
27      # Total loan amount
28
29 •    select concat('$',round(sum(loan_amnt)/1000000,2),'M') as Total_loan_amount from finance_1;
30
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Total_loan_amount
$445.60M

```
23      # Total no. of loan
24
25 •    select count(id) as Total_no_of_loan from finance_1;
26
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Total_no_of_loan
39717

```
31      # Cumulative interest rate
32
33 •    select concat(round(avg(int_rate)*100,2),'%') as cumulative_int_rate from finance_1;
34
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

cumulative_int_rate
12.02%

```sql
# Year wise loan amount Stats
SELECT year(issue_d) AS Year_of_issue_date, concat("$",format(round(sum(loan_amnt)/100000,2),2),"M") AS Total_loan_amount
FROM finance_1
GROUP BY Year_of_issue_date
ORDER BY Year_of_issue_date;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Year_of_issue_date	Total_loan_amount
2007	$22.19M
2008	$143.90M
2009	$464.36M
2010	$1,220.50M
2011	$2,605.07M

```sql
# Grade and sub grade wise revol_bal

select grade , sub_grade , concat("$",format(sum(revol_bal)/1000000,2),"M") as revol_balance
from finance_1 f1 join finance_2 f2 on f1.id = f2.id
group by grade,sub_grade
order by grade,sub_grade;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

grade	sub_grade	revol_balance
A	A1	$11.37M
A	A2	$14.00M
A	A3	$19.54M
A	A4	$34.56M
A	A5	$35.30M
B	B1	$21.84M
B	B2	$26.48M
B	B3	$39.72M
B	B4	$35.41M
B	B5	$37.86M
C	C1	$29.38M
C	C2	$27.32M
C	C3	$20.53M
C	C4	$16.87M
C	C5	$16.02M
D	D1	$12.13M
D	D2	$18.57M

```sql
# Total Payment for Verified Status Vs Total Payment for Non Verified Status

select
    case
        when verification_status = 'verified' then 'Verified'
        when verification_status = 'source verified' then 'Verified'
        else verification_status
    end as Total_Verification_status, concat("$",round(sum(total_pymnt)/1000000,2),"M") as Total_payment
from finance_1 f1 join finance_2 f2 on f1.id = f2.id
group by Total_Verification_status;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Total_Verification_status	Total_payment
Verified	$329.16M
Not Verified	$153.54M

```sql
# State wise and last_credit_pull_d wise loan status

select addr_state as State , right(last_credit_pull_d,4) as last_credit_pull_date, loan_status
from finance_1 f1 join finance_2 f2 on f1.id = f2.id
group by addr_state,last_credit_pull_date, loan_status
order by last_credit_pull_date desc;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

State	last_credit_pull_date	loan_status
NM	4971	Fully Paid
SD	4971	Charged Off
MT	4971	Fully Paid
KS	4971	Fully Paid
NY	4971	Charged Off
MA	4971	Charged Off
MD	4971	Fully Paid
WI	4971	Charged Off
WV	4971	Charged Off
MD	4971	Charged Off
MI	4971	Fully Paid
NV	4971	Fully Paid
MS	4971	Fully Paid
NM	4971	Charged Off
NJ	4971	Fully Paid
UT	4971	Charged Off
HI	4971	Fully Paid