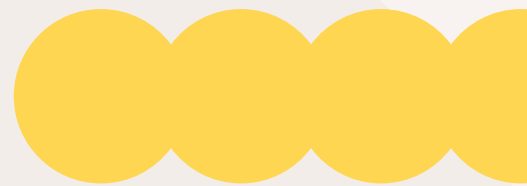






FINANCIAL LOAN DATA ANALYSIS





#total loan applicton



```
SELECT
    COUNT(id) AS total_loan_application
FROM
    financial_loan_dataset;
```



#total loan amount disbursed



```
SELECT
```

```
SUM(loan_amount) AS total_funded_amount
```

```
FROM
```

```
financial_loan_dataset;
```



#average interest rate

```
SELECT
```

```
    ROUND(AVG(int_rate), 2) * 100 AS avg_interst_rate
```

```
FROM
```

```
    financial_loan_dataset;
```

#average dti

```
SELECT
```



```
    AVG(dti) * 100 AS average_dti
```

```
FROM
```

```
    financial_loan_dataset;
```





#good loan application



```
SELECT
    COUNT(id) AS good_loan_applicatin
FROM
    financial_loan_dataset
WHERE
    loan_status IN ('fully paid' , 'current');
```



#bad loan application



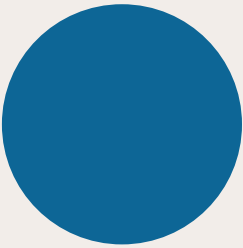

```
SELECT
    COUNT(id) AS bad_loan_applicatin
FROM
    financial_loan_dataset
WHERE
    loan_status IN ('charged off');
```

#good loan percentage



```
SELECT
    COUNT(CASE
        WHEN loan_status IN ('fully paid' , 'current') THEN id
    END) * 100 / COUNT(id) AS good_loan_percentage
FROM
    financial_loan_dataset;
```


#bad loan percentage

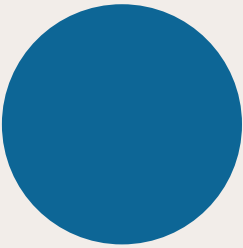

```
SELECT
    COUNT(CASE
        WHEN loan_status IN ('charged off') THEN id
    END) * 100 / COUNT(id) AS bad_loan_percentage
FROM
    financial_loan_dataset;
```





#good_loan_amount given by the bank



```
SELECT
    SUM(loan_amount) AS good_loan_amount
FROM
    financial_loan_dataset
WHERE
    loan_status IN ('fully paid' , 'current');
```



#bad_loan_amount given by the bank



```
SELECT
    SUM(loan_amount) AS bad_loan_amount
FROM
    financial_loan_dataset
WHERE
    loan_status IN ('charged off');
```

#amount received by the bank

```
SELECT
```

```
    SUM(total_payment) AS toatal_amount_collected
```

```
FROM
```

```
    financial_loan_dataset;#amount received by the bank
```