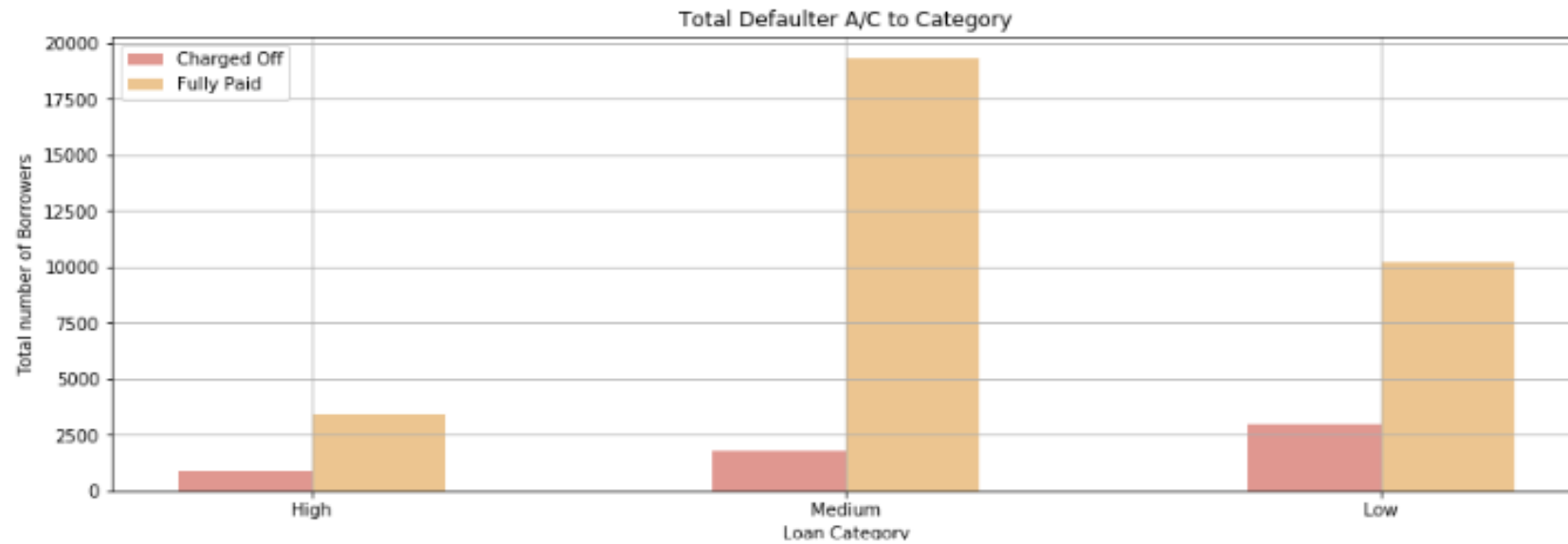# LENDING CLUB ASSIGNMENT

SUBMISSION

Name: Vijay Mishra

Total Defaulter By Category

- In this case we categories the loan amounts into categories
- Divide the loan amount into 3 categories High, medium and low.
- High - Loan amount is greater than 20000
- Medium -Loan amount is between 10000 to 20000
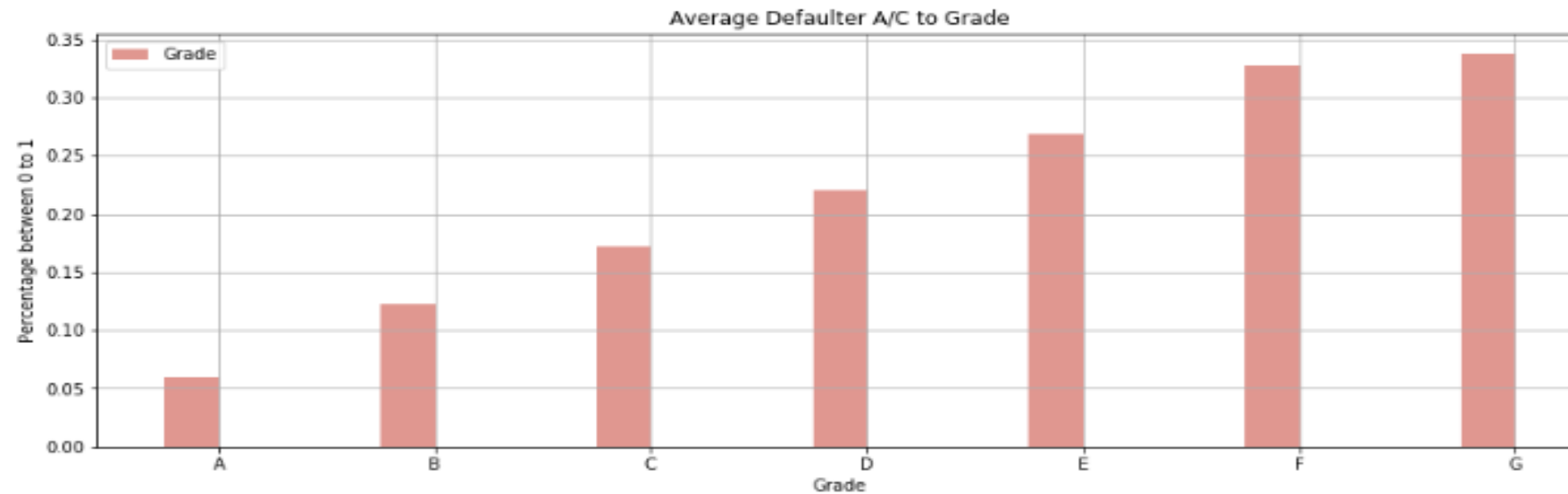- Low -Loan amount is less than 10000

Total Defaulter By Category

Average Defaulter By Grade

- Convert the loan status values charge off =1 and fully paid =0.
- Find the average value of loan status values and group by grade
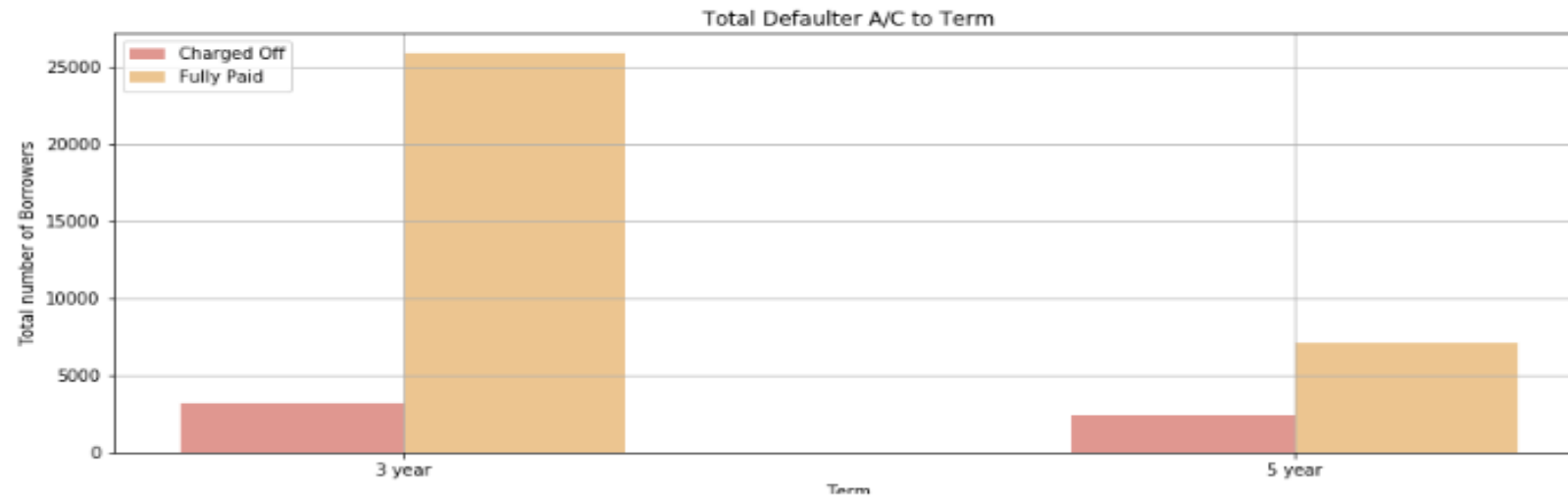- Values are lies between the 0 to 1 shows the percentage of defaulter

Average Defaulter By Grade

Total Defaulters By Term

- Convert the month term into year.
- List out the charge off and fully paid
- Find out the defaulter on the basis on term

Total Defaulters By Term

<Results>

Plot 2

<Results>

Plot 3

<Conclusions>