In [1]:
```
import os
import pandas as pd
import seaborn as sns
import matplotlib.pyplot as plt
os.chdir(r'C:\Users\63094\Downloads\hero wired\datacsv')
os.listdir()
df=pd.read_csv('Dataset (4).csv')
df
```

Out[1]:

	credit.policy	purpose	int.rate	installment	log.annual.inc	dti	fico	days.with.cr.
0	1	debt_consolidation	0.1189	829.10	11.350407	19.48	737	5639.958
1	1	credit_card	0.1071	228.22	11.082143	14.29	707	2760.000
2	1	debt_consolidation	0.1357	366.86	10.373491	11.63	682	4710.000
3	1	debt_consolidation	0.1008	162.34	11.350407	8.10	712	2699.958
4	1	credit_card	0.1426	102.92	11.299732	14.97	667	4066.000
...	...	...	...	...	...	...	...	
9573	0	all_other	0.1461	344.76	12.180755	10.39	672	10474.000
9574	0	all_other	0.1253	257.70	11.141862	0.21	722	4380.000
9575	0	debt_consolidation	0.1071	97.81	10.596635	13.09	687	3450.041
9576	0	home_improvement	0.1600	351.58	10.819778	19.18	692	1800.000
9577	0	debt_consolidation	0.1392	853.43	11.264464	16.28	732	4740.000

9578 rows × 14 columns

In [2]:
```
df['target']=df['not.fully.paid']
```

In [7]:
```
df['target'].value_counts()
```

Out[7]:
```
0    8045
1    1533
Name: target, dtype: int64
```

In [10]:
```
f=df[df['target']==0]
```

In [9]:
```
nf=df[df['target']==1]
```

In [15]:
```
f['int.rate'].describe()
```

Out[15]:
```
count    8045.000000
mean        0.120770
std         0.026692
min         0.060000
```