In [1]:
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 #Importing Libraries
import numpy as np
import matplotlib.pyplot as plt
import pandas as pd

from sklearn.preprocessing import LabelEncoder


#Import Training Set
df = pd.read_csv('SeoulBikeData.csv',engine='python')

dummies = pd.get_dummies(df.Seasons)
df= pd.concat([df,dummies],axis='columns')
df= df.drop(['Seasons','Winter'], axis='columns')

le= LabelEncoder()
dfle = df
df.Holiday=le.fit_transform(dfle.Holiday)


dfle = df
df['Functioning Day']=le.fit_transform(dfle['Functioning Day'])




full_set= df.iloc[:,1]
under1000=[]
under2000=[]
under3000=[]
over3000=[]


for x in full_set:
  if x < 1000:
    under1000.append(x)
  if x >= 1000 and x < 2000:
    under2000.append(x)
  if x >= 2000 and x < 3000:
    under3000.append(x)
  if x >= 3000:
    over3000.append(x)


print ("Number of rows < 1000 bikes:",len(under1000))
print ("Number of rows < 2000 bikes and >= 1000:",len(under2000))
print ("Number of rows < 3000 bikes and >= 2000:",len(under3000))
print ("Number of rows >= 3000 bikes:",len(over3000))
over_set=df.loc[df['Rented Bike Count'] >= 1500]

df= pd.concat([df,over_set], axis='rows')
```

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Number of rows < 1000 bikes: 6340
Number of rows < 2000 bikes and >= 1000: 1936
Number of rows < 3000 bikes and >= 2000: 453
Number of rows >= 3000 bikes: 31
```