**Data Set Information:**

This dataset contains randomly collected data of customer churn from a telecommunication company. The data is collected over a period of 12 months. A total of number of observation is 3150. bear information for 13 columns.

**Attribute Information:**

ID: customer ID

Subscription Length: the duration of customer subscription (in months)   
Freq. of use: the total number of calls   
Freq. of SMS: the total number of text messages   
Charge Amount: ordinal attribute in which 0 refers to the lowest amount and 9 refers to highest amount  
Seconds of Use: total duration of calls in seconds   
Distinct Numbers: total number of distinct phone calls   
Call Failures: the total number of call failures   
Complains: refers to if the customer have complains about the service or not  
Age Group: ordinal attribute (1: younger age, 5: older age)   
Age: the age of customer  
Plan: prepaid or postpaid plan   
Status: a binary attribute refers to the status of customers (active or not-active)   
Churn: the class label (churn or non-churn)  
Customer Value: a calculated value of customer (continuous attribute)