

## 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)

Note that the data is for all the customers

<b>Qualitative Dichotomous</b>	<b>Qualitative Polynomic</b>	<b>Quantitative Discrete</b>	<b>Quantitative Continuous</b>
Churn	Age group	age	Customer Value
Status	Charge amount	Call failures	Seconds of use
Plan		Distinct numbers	
Complains		Frequency of SMS	
		Frequency of use	
		Subscription length	