Description of the churn\_dataset.

1. Name : churn\_dataset
2. Number of Variables for churn\_dataset:14 (3 numerical,11categorical)
3. Description of Variables for churn\_dataset.
* Variable 1: Sex (Categorical)
* Variable 2: Marital\_Status (Categorical)
* Variable 3: Term(displayed in months-(Numeric))

* Variable 4: Phone\_service (Yes – Have phone service,

 No – Does not have phone service – (Categorical))

* Variable 5: International\_plan (Yes – Have international plan,

 No – Does not have phone service – (Categorical))

* Variable 6: Voice\_mail\_plan(Yes – Have voice mail plan,

 No – Does not have voice mail plan – (Categorical))

* Variable 7: Multiple\_line(Yes – Have multiple line,

 No – Does not have multiple line, No phone – Does not have

 Phone service – (Categorical))

* Variable 8:Internet\_service(Type of internet service Cable,

Fibre optic, DSL, No internet- (Categorical))

* Variable 9: Technical\_support(Yes – Have technical support,

 No – Does not have technical support, No internet – Does

 not have internet service – (Categorical))

* Variable 10:Streaming\_Videos(Yes – Have technical support,

 No – Does not have technical support, No internet – Does

 not have internet service – (Categorical))

* Variable 11: Agreement\_period(Type of contract like monthly contract, one year contract and two year contract(Categorical))
* Variable 12: Monthly\_Charges(Numeric)
* Variable 13: Total\_Charges(Numeric)
* Variable 14: Churn(Yes - customer churn ,No - customer not churn (categorical))