DESCRIPTION OF CUSTOMER CHURN DATASET

Telecommunications dataset is required to have the following information work. Each row should represent a customer, while each column should contain customer's attributes. The raw data should contain minimum of 10 000 rows (customers) and 21 columns (features).

The "Churn" column is our target, while other columns are used as features to the model taking note of the following details:

(i) Customers who left within the last month - the column is called "Churn".

(ii) Services that each customer has signed up for - phone, multiple lines, internet, online security, online backup, device protection, tech support, and streaming TV and movies.

(iii) Customer account information - how long they've been a customer, contract, payment method, paperless billing, monthly charges, and total charges.

(iv) Demographic info about customers - gender, age range, and if they have partners and dependents.

Here is a concise description of the customer attributes in the dataset

Customer Attributes in dataset

Variable	Data Type	Description
CustomerID	Categorical	Identity Number peculiar to each customer
Gender	Categorical	Whether the customer is a male or a female
SeniorCitizen	Categorical	Whether the customer is a senior citizen or not
Partner	Categorical	Whether the customer has a partner or not
Dependents	Categorical	Whether the customer has dependents or not
Tenure	Quantitative	Number of months the customer has stayed with the company
PhoneService	Categorical	Whether the customer has a phone service or not
MultipleLines	Categorical	Whether the customer has multiple lines or not
InternetService	Categorical	Customer's internet service provider
OnlineSecurity	Categorical	Whether the customer has online security or not
OnlineBackup	Categorical	Whether the customer has online backup or not
DeviceProtection	Categorical	Whether the customer has

		device protection or not
TechSupport	Categorical	Whether the customer has tech support or not
StreamingTV	Categorical	Whether the customer has streaming TV or not
Contract	Categorical	The contract term of the customer
PaperlessBilling	Categorical	Whether the customer has paperless billing or not
PaymentMethod	Categorical	The customer's payment method
MonthlyCharges	Quantitative	The amount charged to the customer monthly
TotalCharges	Quantitative	The total amount charged to the customer
Churn	Categorical	Whether the customer churned or not