



Data description



- Customer churn is the process of customers switching from one service provider to another
- 'Chit-Chat', a telecommunications company is concerned about the number of customers leaving their service
- Over a period, they have recorded a lot of data about the customers including
 - Personal information
 - Services that each customer has signed up for
 - Account information
- They have also recorded if a customer has churned out or not within the last month



Total size :257 x 21

Data file: churn.csv

Personal information:

Variables	Description	Categories
gender	Gender of the customer	Female, Male
SeniorCitizen	Whether the customer is a senior citizen or not	0- not a senior citizen;I- senior citizen



Total size :257 x 21 Data file : churn.csv

Services that each customer has signed up for:

Variables	Categories	
Partner	Yes, No	
Dependents	Yes, No	
PhoneService	Yes, No	
MultipleLines	Yes, No, No phone service	
InternetService	DSL, Fiber optic, No internet service	
Contract	Month-to-month, One year, Two year	
PaperlessBilling	Yes, No	



Total size :257 x 21 Data file : churn.csv

Services that each customer has signed up for:

Categories
Yes, No, No internet service



Total size :257 \times 21

Variables

Payment Method

MonthlyCharges

TotalCharges

Churn

tenure

Account information:

Description

Number of months since they enrolled for the service

Monthly charge paid by the customer for the services

Whether the customer has churned out of the service

Total charge paid by the customer for the services

Method by which customers make the payment

he/she has signed up for

he/she has signed up for

or not

Data file : churn.csv		
Categories		
Bank transfer, Credit card, Electronic check,		
Mailed check		
•		
Yes, No		

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peration == "MIRROR_X":
              . r or _object
mirror_mod.use_x = True
mirror_mod.use_y = False
mirror_mod.use_z = False
 _operation == "MIRROR_Y"|
irror_mod.use_x = False
lrror_mod.use_y = True
 mirror_mod.use_z = False
  operation == "MIRROR_Z":
  rror_mod.use_x = False
  rror mod.use y = False
  Irror mod.use z = True
   ob.select= 1
   er ob.select=1
   ntext.scene.objects.active
  "Selected" + str(modifier
   ata.objects[one.name].sel
  Int("please select exaction
```

THANK YOU