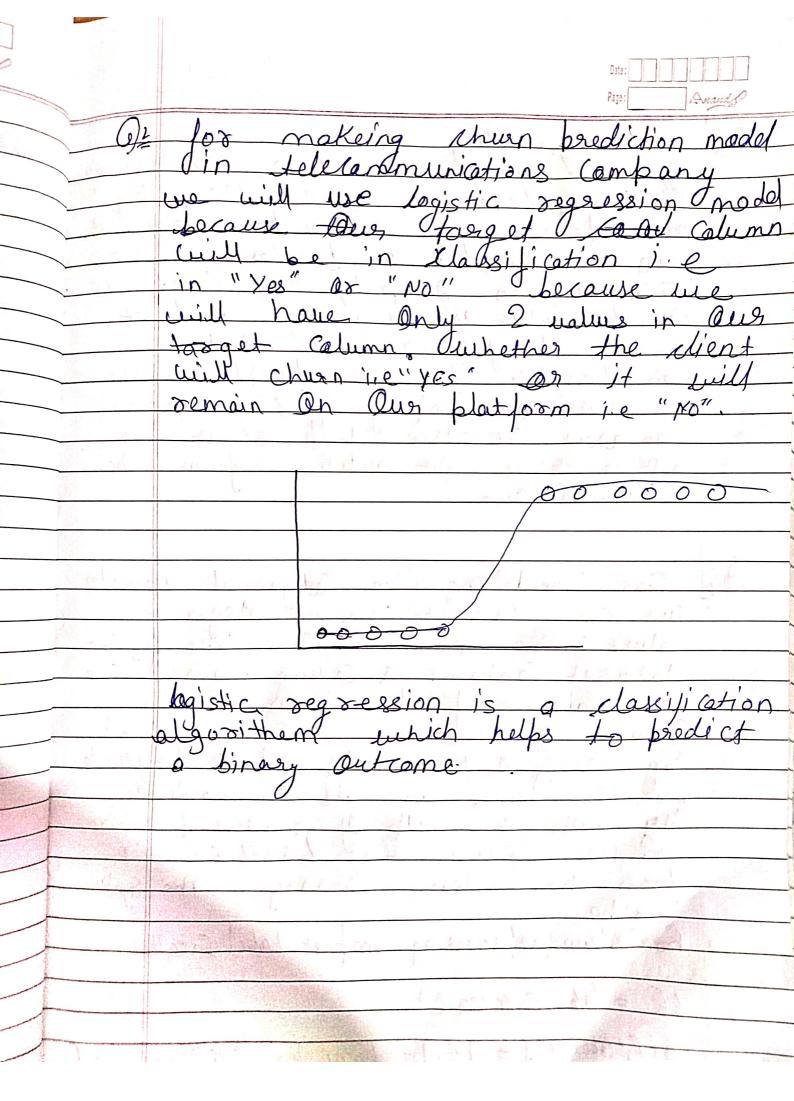


SBQ steps liked we can fill the missing halues by using mean, median, mod (depends on the Entert); and also we can also use the random method. i.e for superdrug trainter ing the rondomness of the data we can use the grill the missing habe by using random filling method i.e np. random. randint (mean - stdl, mean + Sth) where stall is the standard duration is very low as compared to the shape of the dataset then we can simply drop that dataset and if the number of the missing value is using high then the Cen dimply drop that Calumn



Page: Anand

Jes segmenting the Customers into different groups based on the purchase behaviour we can use group by method so that we can fifter different customers based on the puschasing belaviour like we can group by our constance and the basis of galery, age, need etc. So, the benefit we will that we can target the right people trith so that our company or organization can grow it also help was us for getting the right pudition from the

La Con Convert the new Categorial Mariables

Liables in the numerical are like if the

dataset Contains a Column named Sex
i.e male or lemale then we con

convert this Column into numerical

by using a for male and O for junch

for this we can alse an manually

the help of rename function

from the Sklean library the synthe

Composition preparersing import tabel Freader

LE = label Encoder ()

df ["Gtnam"] = LE. Jit to ansporm Cdf L'Col-nom"]

Paga: Avandel Concept Based I multicallinearity = In multicallinearity two regression model are highlys Coreleted with each other so this will creater a problem as we wil not be able to find which feature is making mose gject an the torget. So it will lead to reduce the accuracy by Our madel So, We Can use correlation matrix for handling multicallinearity Outlier play a major role in noting before nating any nodel we should hardle the Outlier because due to the presence of Outlier Our nodel's fraki fittin toaining phase our model Tries to touch those Outliers go aus prod the regression line gets devided from its original bath that leads the con detect outliers by using the bo O Scatterplot @ box bor B Z- Score method

outles <u>0</u> 0 marks 1

By how dealing with the non-linear relationship between predictors and target Kariable we can use polynomial regression as higher whom we have the graft then bolynomial regression can be jited From skiloson lines model import polynamial Roper holy Potypotnicts column (degree 1) holy for by lowing ye trains the help of degree we provide in