_		Experiment 1 Snashwat Stab
		6000 4210120
		TY Brech Comps &
-		
		Am: To perform data preprocessing in terms of handling
		mission late remarked outliers entrained in
		eliminating duplicate rows & modifying the datatypes etc.
		Theory: Python an easy to clean programming language
	11	which makes it the most popular I prejected carryings
		for beginners in data science, data analytics and machine
Ceanning, It also has a greate community of online		Coarning, It also has a greate community of orune
		earners and excellent data centric libraries. With
		so much double being generated it becomes important
that the data we use you data science explication		
		like machine leasing & predictive modelling is clear.
	1	Data cleaning region to the process of cleaning the
	0	listy date by identifying the errors in data and
	-	sectifying them. Data cleaning is hence a very
	1	mportant step in ML.
		and the same of th
	00	ta cleaning consists of!
١	Missing Values .	
_	11	will stood by calculating the percentage of values
		ssing in each column and storing information in the
	dataset	
×	Drop Observation - One way	
-		can decop observators that contain only null values
	10	then for any of the columns, this works when
1		FOR EDUCATIONAL USE

the percontage of mischy volves in each column is less.
* Ramore Columns -
Drop column / features which have significant percentage
of missing values.
Imp missing values -
we can also fill missing value is numerical columns, very
mean, median, mode and other such structures;
Outries
It's an unusual der observation that is random & wrong
They can affect the ML model significantly.
Duplicate records
Data can sometimes contain deplicate values. Its
impostant duplicate records from dataset before me
process to Mc model.
Fising a dalatpe
Often values in deseaset went stored in the c correct
data type.
the second of th
Procedure
Frostly we load the dateset in the datagrams tun
we list columns & the no. of null vernes in that column
Its observed that ge has 177 null values, aun has
687 null values. Next we fill the null -ares. we
also obeen that the cleaned data includes column age
and encoded values of columns embasked & p class
as dependant values & survived column as largest.
Conclusion - Here we conclude that data cleaning is
way important before applying date on ML models.
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