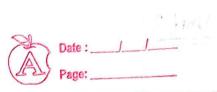
systematically.



	1 Create a default value -
	- NaN (Not a Number) is a default missing value
1. 1. 1. 1. po	or during the second of the popular laterted
1 . 1	and manipulated by using function in pandas.
	and manipulated by using function in pornous
1.1 1.5	1859 Aldook & Joseph and John D. willit -
	- point to is 200 to care
·	Export out topon (1)
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	endingle 2 aprint le consid
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il in	- Lyelling raisolules in Colomos raison -
	on their process something
7.000	Systematically.



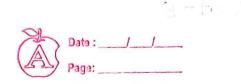
#	Note on Missing value - beatment -
	Data field rename during upgradation, Data field rename during upgradation, During data migration from old system to now system. Data field not recorded due to data uncomilability. Dincorrect data provided by the subject-matter expert.
	Doop the columns, where all elements are mining - of 1 = df. dropping (axis=1, how="au") Drop the column, where any of elements is missing- df1 = df. dropping (axis=1, how="au") (3) Keep only rows, that contains max. two missing values— df1 = df. dropping (thresh=2) axis="0" = row how="all" = all mising values axis="1" = column how="au" = any missing values
	Actions for missing values - (By using Techniques).
	Outlier Detection & treatment:
	O Elliptic Envelope: Strikit-learn package: (2) Isolation foren. Thay, min paverage: 3 Novelty Detection— 7'Sklearn-sym. One Clan Sym to be used
	→ Observe the data and retrieve the original data. by using this tool.



#	Navious types of Sun Model - (4 types)
	and become with the alberta soll indigent -
in of h	D Person-to-time - man to de la contraction de l
	- It explains the relationship b/w Person is Time
	in the data vault
	- This model shows all characteristics of these two
	deta category.
	- 2-Dimensional data created.
	Person
	First name Q Distilled
	Last name of UTC time
8	and arrived in his to did without the properties with the
s į.	- Deside Charles Andrew Colores and -
	Person DD . O Time DD
	1000 miles Ustner from our des
	- 100 (1)
	2 Person = to-Object = 2i fort -1 -
. (31.1	relationship blumperen & Object.
	- Here object means person belongs to which cotyony
	- file-it the person all objection as
	Ocommon name : Hyman Ospecies : Homo sapiens
(d)	Doplet ID
{*	e worse brokenth signed to
	3 Resson - to- Location way with the
	- It show with person belongs to which location.
	La recorde de la
	One for a state of the form of the planning of
	Offine zone
	bottom fillmel Die Ortine Id Al
	. Lub o wid soio outer tori



-	
	@ Pexion-to-Event
	- Explain the relationship blw lesson & Event.
	- Hexe Event means what action Occurse (Born, Death).
1.00	Le maril wild gitto, with last and Eventages of the
	Person O ant - "Rope"
ard bal	
	De Creman
	got 1 hos etch has have been
	7003673
	Some from
+11	Hypothesis Testing!
	- Huspitalis southing but it is assumption.
	- Hypothesis is nothing but it is assumption We provide different values and check either
	it is true or not
	16 13 7000. 08 1100
	A Two most popular Testings are.
	T-Test -
	- T-test is small sample test.
	It was developed by William Gosset in 1908.
+ +2c . 7 . 7	T-test was the name of a pen. So, it
	is also called student t-test.
	t= 1 = mean of sample
	10 = mean of total population
	S= Sample Standard deviation
	-T-test apply when n<30, is st dev= unknown
" nead	D chi-Square Test, -gille
	- It was introduced by Kerl-Bearson.
	- In which, we analyse the Sample of test the
	- opulation variance. - of is non-parametric test
	- It is a random sampling method
	- Test values lies blu n to 1.



ì	#	Fishbone Diagram:
1		- It is a useful tool that helps managers to find/
•		track the reason imperfactions, defects or failures.
ì		- It showing the arrengement of data simplest way
		in doctar vault
100		- This diagram look like a fish's skeleton,
2 .	Wille.	Had's why it is called fishbone diagram.
7	,	
		Category 2 Category 1
		Cause Problem
3		who are also to the same of the
		Court of the state
	15:40	italis de anno de la desta de contra de sua de sua de sua de sua sua de
	1-16	Category 4. Category 3
		Done without the sail without the
3		
3		
2		
24		



#	Aypothesis Testing
	Disposer regard tothe lands believe a 21 bl -
	(3) Cross-Validation Test
Mil To S	- It is used to acheive the goal by
	value prediction
- (*)	- It is generalized for all to put the
	value and got the output (Statistical analysis).
	O Univarite Analysis
	- Simplest way of analyzing data.
	- dimpleit way of analyzing data. - "Uni" means one". So, data has only
	one variable.
	- It doesn't deal with causes I relationships.
	- It takes data, symmanized that and get
	in pattern (like mean, median, mode).
14	