



## Sharkmushna 6 Frape 31284

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	Acaignment - 01
-	DOP: 71121 2022 006: 911/2022
	Problem Statement:
	and Hoongling
	Perform the falousing Operations using python or any other open source
	> Import all the required libraries.
	of locate the open source doctage!
11 11-	From web. provide a clear decomption of data and it's source.
	as round the diatased into pundus destatrame
	a) Double pre processing: check for missing
1000	your in the dater using isnully.
-	describe function to get some initial
	statistics. provide a variable
	description Types of Variable etc.  Check for the dimension of
	check for the almension of
-	as Data Formatting and Data Harmalization
	Sumerize the types of variable by
	checking the data types of Vantable
	in the dadaset. If variable not in cornect
and the last	-type cipply proper type Conversion
	6) Turn the categorical Values into
	cluantida ve voorable in python.
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	Learning objective	1-	
- Advert	To learn an	ad understand date	
	wrangling using	pandas.  data preprocessing	
	Dio perform	data preprocessing	
	Formatting and	normalization	
2 - 2 - 1	To perform	one hot encoding on	
75 100 1	categorical values.	and and mules of	_
	1000200	The second second	
	Learning outomes		_
	- Students	con be able to	_
pentings -	dada Cormattica	do't down preprocessing,	_
	DON'S	and deeter normalization	
angala sha	perform	encoding for Conversion.	-
	SH/HIS requirement	s- all interfer his	_
1210		S . 64 bit OS . SGB RAH	_
-Land	STR HOD .	Intel is 8th gen Jupyter	
	note book,	elr.	
	old morns and account the	Carlo	
	Theory:	to and deads	
	0	Samulatala .	
Sell-le	While cocoking	couth tabular deuta	
	shored in excel s	beet or in a destatrois	
	Ponda is the b	est tool holps to explare	- IE
	and process day	d.	_
and the last	In pendus	a described is come to	
	palaframe · pandas	enthante intellection	- 1
	manu File Formate	s (ov, excel, eql. ison).	OH
	Importing data	From each of these d	
	Source is crowled	by Curdin hered	Lata
	to browned	by function with prefix	1001



## Ghatkaushna 6 Zirape 81284

similarly tox method are used to store date . Hhen selecting a single Column of pundas data frame He use Column none label in The described method gives quick overview of numerical data in data frame. a special Float value Nan . Series is NAC and series NOTHAD conbe used to sitted TOLDE . dropNAC) is used to drop rows with missing values. · Fillnac) can be used to fill rows with missing Values method = FFill For Forward Fill From previous rows. Categorical Variable takes on a limited, usually fixed. number of previous Values They might have on order. df. shape a returns a tuple of the Stape of underlying dada. desized returns number of elements in the underlying data. dr. astype (dtype) Converts/ (asts the type of object to the specified questatype.



## Ghaikacushna & Litape

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	Analysis /method:
10	The state of the s
- But	The given dataset Contains
	The given dateiset Contains 13580 20103 and 21 Columns with
	missing Value in some Columns that
TANKS OF	was Thied with default's' some
	Column's that didn't satisfy dtype
1000	are type cousted to appropriate
Talks (	datature one of the Cateoportant Variable
104	type was converted to numerical
- H	variable. by the use of get-dimension
	The end reach were prished on Consider
Name of	and the destatrame coas saved in 11:0
	CONTROL DESIGNATION
	Conclusion
BLINE	Guccessfully persformed the
	mentioned operation on the given
was to	Dictrised.
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	at to story a sprinting country the
	plants manufacture to equita "
C TOV	mala in securi Periotec Gasman
	a ment polytostern and option
	- And I was some Grand Sound Sound The
	A marine with the bounds to south
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