	Paga No. Data
	FAG'S.
ans 1-	A pandas dataforms dataframe in p is a 2 dimensional data structure, like a 2-dimensional array, or a table with rows and columns.
ans 2	1. Missing data: The best way to decide what to do when you have missing data is understanding why it is missing its actually due to three facts: MCAR, MAR and MNAR.
	2. Manual Input: It is a problem because it can lead to missing data, but can also to data inconsistency. 3. Data Inconsistency: A huge problem because it tracks creates variations on data that simply should not exist.
ons 3	Correlation analysis is primarity concerned with finding out whether a relationship exists between variables and then determining the magnitude and action of that relationship.
ans 4.	Data cleaning helps ensure that information always matches the correct fields while making it easier for
+3M4.001	to And information more efficiently.
	the state of the total to construe with adds to
	Universate data: This type of data consists of only one variable.
1120	Analysis univariable data is thus the simplest form of analyst since the information deals with only one
	quantity that changes.
	Bivariable data:
	Involves too different variables

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	Devanshu!	Surana
==	10322107	Page No.
	PC-12.	
		Python Programming
	100211	Lab Assignment of
	TIME!	Problem statement: Use of Panda's module for data analysis
		and Matplot lib for data virtualization.
	- 1	Aim: Write a python code to read a csv file using Pande's module and print the first and last five records of the
	in soin i	file. Using matplot lib shows data analysis!
	10	Objectives: To learn and implement function of pandas and
	1 100	matplot libraried westers low et il toget lowers.
		weaterment state of only and tod, state policina
	123 140	Theory of a Marco soul A o postalanos 1 168.8
	i)	Explain Puthon functions of Panda's module for data analysis
	\Rightarrow	head () - used to display The top 5 rows from dayser.
		fail() = used to displan last 5 rows nom dara sel.
	40 A 100	Shope () = Shows the dimensions of the data set in 1900s,
	Landeno'	Calimps tarmat
		of () - displaye information about the dark ser.
	7113110	is null() = Shows no. or new Jurpes
	12 19	
		value-counts () = used to identify diff nategories in a feature.
		attaining and automate to the
	2)	Explain Pathon Functions of Matplotlib for visualization.
	7	title() = used to specify title of visualization. title() = used to specify title of visualization.
		xlable and ylable = shows the x-axis and y-axis resp.
	de cort	ximpand yimb = used to set limit for x and y axis.
	500	add-axes () = wed to add axes to the figure
1	THE STATE OF	
		Platform: Windows Python-Editor (Jupyter)
		Conclusion: Conclusion: Studied python function of Panda's and Matphotlib Br
		Studied pathon function of randa's arra
		data analysis.
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