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	DIV: DIIAD ROII: 37	
	Experiment 1	
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	Aim: Getting introduced to data analytics Python & R.	libraries in
	Python & R.	
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	Theory:	
	o To 5 lata analytice liberary	
	· Top 5 data analytics library.	
	1) Numpy:- Python provides Numpy is a python fibrary provides a multidimensional array object	that
	provides a multidimensional array object	,
,		
	2) Pandas: -	
	2) Pandas: - Pandas is a python package providing fast. and expensive data.	, flexible
	and expensive data.	ν
	3) Scikit learn:	1.
0)	Simple and efficient tools for predic	ton
<u> </u>	Simple and efficient tools for predictionalysis is prod presided by sikit	lewin.
	4) Freras:	130d
	Freras is a popular library that is textensively for deep Dearning & NN.	×
	encousively for each security	
	5) Beautiful Soup:	
	Beautiful Soup is a python package for	parsing
	5) Beautiful Doup! - Beautiful Doup is a python package for HTML & XML documents.	0
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	· Top 5 data analytics libraries in R.
	1) delr:- It is used to manipulate, clean & summarize unstructured data.
	uniteruties of data.
	CHO PUNCTURE TO THE
	2) appliet 2:-
	Common of graphics, a coherent system for
	2) geplot 2:- Gordmonar of graphics, a coherent system for describing & building graphs
	3) Lubridate: - This library makes it easy to work with date & time
	4) m/r:-
-	It is a francuscrk for elassification, regression, and
$\frac{\parallel}{\parallel}$	4) m/r:- It is a framework for elassification, regression, and clustering
- 11	
\parallel	5) readr: - A
+	date sensition limitions los last o'll some in the date
	inerest lyon various lile formate.
	5) readr: - A It is designed for efficient reading of rectangular data, providing functions for fast and convenient data import from various file formats.
	Conclusion: - Thus we have been successfully
	introduced to various data analytics libraries
	Conclusion: - Thus we have been successfully introduced to various data analytics libraries in Python and R. programming languages.

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