## DSBDL Assignment.

1	Assignment 7
<u></u>	
	Title: Visualize the data wing R/python by plotting the graphy for assignment no. 6.
_	the graphy for assignment no. 6.
	J
	OBjective:
	1. To understand & apply the Anadytical concept of Big data wing R/python. 2. To study detailed Concept R.
<u>i '                                   </u>	Bia dala usina Riputhon
	2. To study detailed Consider R.
1	
· Jug	software Requirement:
	1. Uhienti 14.0+/14.10
,	2. GNU C Compiles.
اس	2. GNU C Compiles. 3. Hadoop
in get in	
	5. R Studio.
	3. R SP6000.
	Problem shrement:
	lisualize the data wing R/python by plotting the graphs for assignment no 6 & 7.
	for alsignment no. 6 4 7.
	Theref:
	Python provides various libraries that come with different
- 1	tentited for visualizing data. All their libration Como
	with cufferent teatures of Can Supposet Marian Line of
	graph. In this tutorial we will be discuring tour
_ '	such libraries
	· Matplot-lih.
<u>-</u> <u>-</u> <u>E</u>	· Seaborn.
5 dl	· Bokeh
1	· P. lot Ju.
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4	matplot lib :-
1	maplotlih is an easy-to-use low loved dob visco is
	TINKAPIL FORF IS DIVINE ON DURSON DAYS
	+ $ +$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$
	etc. matplot lib provides a lot of plexibility.
4	CLACKE DIVO
	Scatter plate are upd to observe realetical: 1 10
	Valiable , we don to represent the relationship has
	between them. The satter () method in the matphillip
	libratey is und.
*	line Chart:
	line chart is wed to represent a prelationship between
	tull Han
7	1938 Chapt a-
	A bate chart is a graph that terpresent the category of data with techniques bars with lengths I heights that is proportional to the Values which they represent bare 1) method is used.  Histogram:
	of data with Ecchangulas bass with lengths it is
	that is proportional to the Values which Have &
+	hat method is used.
	A histogram is basically used to represent data in the
	TOTAL CIDAPIONU: The ISS
	The Independent of the Property of the Propert
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	the mala I II I see in expler built
	1 Calor parlietter to me beautiful design style
- 1	Calors partiettes to make more attentive
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4	Box mlati-	Sahir
	bas plat in seaborn can be created using the basploto	
	Bar plot: Bar plot in seaborn can be created using the barplott	
		$\vdash$
	Concellusion:	
	Concellusion: These we have lookent reisvallize the data wing R/python by plotting the graphs.	1
	by pulling the grapes	4
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		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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## DSBDA LAB

	Assignment 1 (c)
	ASSIGNATION DE LA CONTRACTION
	Title: Create a review scrapper of any elsomerle
	website to fetch sead time Comments, servicus, salingo
	Comment lags, customer name using python.
1 1	
	objective: To understand the application of impact of big data.
The state of the s	16 Westerstain The Approximation of the first of the firs
	sofwage Requisement:
eri H	Beaultiful Soup Library.
The state of the state of	
7	Throsel:
#	What is ich Scrapping?
10 10 1	uch scraping is the procent of gathering information
	Joon the internet Even Copying & paining the life co
1 1	that is the Steapping of the Steapping is the process of gathering information the Steapping is the process of parting the lyrical from the internet. Even Copying & parting the lyrical of the your favorite Song is a form of web scrapping
the state of the s	
#	Charlenger of Leb Scraping- AT Variety:
	Al Vaciety:  Every crehsite is different while you'll encounter gene-
	- Earl sterioties that appearl repeat theories
	Or I was a superior of the perior of the period of the perior of the period of the period of the period of the perior of the period of the per
	it you want to extract the solowant into mation.
	of Durchilly:
	supporter combat ly changes. Say you've breist a sking
	rubsites combatly changes. Say you've built a sking new ruch steaper that automatically cherry-picks
	what you want from your resource of interest.
#	steps for screapping achite.
100 ga 100	

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	otep 1: i) Impect your data source.
	ii) Dreipher the information in URLs.
	iii) Every URI consist of two parts.
	a) The base URL represents the path to the
	seaseh functionality of the rebsite.
	b) The Specific site location that end with html
	is the path to the job description's unique
	Elouree.
	c) Every URI has three parts.
	ex - https://au.indeed.com/job// q= softwaxe + develor
	1. l = Acuteaclia.
	is shel: The beginning of the query
	ii) Information - The pieces of information Contitut
- 11	one queau parameter are encoded in hey-value
	paie
1 10	que en parameters, separated by an ampersand
1	guerey parameters, separated by an ampersond
- /	symbol.
<u> </u>	Step 2: steap the HTML Content JEOM a page:
i May A	ix Pythonic sequests libeatly is used.
7	ii) soutall request library.
1	In shell,
-,	\$ python -m pip intall request.
<u></u>	iii) open new tide: a implement below Code
	in open new file f implement below Code -
	VRI = " #Hp:// gozyle.doen"
1	page = exquests get (URL);
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print ( page-text) step 3: Parse HTMI code with Beautiful soup. Beautiful Soup is a python library for paring Structured data. It allow you to interact with HTML in a Similar cray to how you interact with a cuch page using developer tools. The library exponer a couple of intelitive functions you can use to explore the HTML. Intell Beautiful soup: \$ python -m pip install beautiful soup4: ii) Then import the library in your python scrip import requests.

Jean hat import Beautiful Soup.

URI = "https://google.com"

page = requests.get (URL)

Isoup = Beautiful soup ( page-content, "html. parker) iii) we can find various elements by using id. celas names. Concellaion:

Thu web sceapping is learnt , understood charly through out the assignment. PCCOE