

No	Question	Choice-A	Choice-B	Choice-C	Choice-D	ANS
1	_____plot (chart) is useful for showing correlations and groupings in data.	Scatter	Histogram	bar	Pie	A
2	Matplotlib.pyplot() is a plotting library used for_____graphics	1D	2D	3D	Both b & c	B
3	Legend's by default loc is_____	Upper Right	Lower Right	Lower Left	"best"(Upper left)	D
4	In subplot function 3 rd parameter is used for _____	Number of rows	Number of columns	Both a & b	index	D
5	_____plot (chart) is useful for comparison between discrete as well as continuous data distribution.	Scatter	bar	Histogram	Pie	C
6	_____plot(chart) can only display one series of data.	a)Scatter b) c) d)	Histogram	bar	Pie	D
7	To represent the data in pictorial form that is known as	Data visualization	Data abstraction	Data inheritance	None of the above	A
8	Which library is use for data visualization	Matplotlib	Pandas	Numpy	None of the above	A
9	Which function is use to describing the graph area	Plot	Hist	Legend	Subplots	C
10	Which graph is used to represent the group of the data?	Line chart	Pie chart	Histogram chart	Bar chart	C
11	Which function is used to save the graph figure	Save	Save as	Savefig	None of the above	C
12	Which of the following library to be imported for creating chart in python	Data visualization	Visual Data	Matplot	None of above	A
13	Which function of the pyplot module is used to create a figure/chart/plot.	Show()	Ploting()	Plot()	Plots()	C
14	Which function is used to display figure/chart.	Showing()	Show()	Display ()	Screen()	B
15	By default plot() function plots a _____	Histogram	Bar graph	Pie chart	Line chart	D
16	Which of the following function is used to save the figure/chart?	Save()	Savefigure()	Savefig()	None of the above	C

17	Which attribute of plot() function help to specify the type of chart?	Type	Types	Kind	Kinds	C
18	Statement to plot a line chart for data stored in a DataFrame 'df' is _____	df.plot(line)	plot(df, line)	df.plot(kind = "line")	None of the above	C
19	Which of the following pyplot function is used to plot bar graph.	Bar()	Bargraph()	Barchart()	oval()	A
20	What is the use of faceColor attribute of the legend() function?	It is used for the legend's background color	It is used for the legend's foreground color	It is used for the legend's background patch edge	It is used for the legend's foreground patch edge	A
21	Which function is used to draw multiple plots in one figure	figure()	plot()	Sublpot()	Scatter()	C
22	Which function is used to make title for the graph?	label()	title()	show()	Save()	B
23	Which attribute of hist function is used to create type of histogram?	histtype	type	hist_type	bottom	A
24	What is EDA?	Exploratory Data Analysis	Explore Data Analysis	Exoratory Details Analysis	Exoratory Database Analysis	A
25	Which function is used to save a figure created with matplotlib?	fig()	savefig()	Save()	Saveas()	B
26	What is the full form of CSV	Comman separated value	Comma Seprated Value	Common Species Value	Common Special Value	B
27	What is the use of Central Tendency?	Characters data are in large stored in database	Bollen data are in stored in database	Quantitative (Numeric) data are store in large number stored in database	String datq are in storrd in database	C
28	IQR Full from	Internal Quality Range	Inter quality range	Inter Quartile Range	Inter Quality Row	C
29	Which function of matplotlib can be used to create a line chart?	line	plot	bar	graph	B

30	Which graph should be used if we want to show distribution of elements?	Histogram	Pie	Bar	Scatter	A
31	Which of the following library in Python is used for plotting graphs and visualization.	pandas	Numpy	matplotlib	non of these	C
32	The part of chart which identifies different sets of data plotted on plot by using different colours is called:	Title	Legends	Axes	Limitation	B
33	Which of the following keyword argument is used to show triangle markers on plot?	^	t	o	s	A
34	Which chart is often used to visualize a trend in data over intervals of time?	Line	Bar	Pie	Scatter	A
35	Which graph should be used if we want to show distribution of elements?	Pie	Scatter	Histogram	Bar	C
36	Which object is used to draw Plotting Data ?	subplot	figure	image	None of the above	B
37	What 'g--' value means as parameter in plot function?	Dotted Line Green Color	Dashed Line Green Color	Dotted Line Gray Color	Dashed Line Gray Color	B
38	Which Indicator is used if I want Filled + sign as marker ?	+	F+	P	++	C
39	Linspace is used to generate numbers within given range in array	TRUE	FALSE	N/A	N/A	A
40	Generally _____ plots are used to represent the relationship between two variables.	a.Line plot	b.Bar plot	c.Histogram	d.Scatter plot	D
41	Which of the code will generate scatter plot of marker with different sizes	a.size = [100,500,100,500,100,500] plt.scatter(x,y,s=size)	b.plt.scatter(x,y,s=5)	c.plt.scatter(x,y)	d.All of the above	A
42	The default data structure of the pandas is	a.Array	b.Series	c.DataFrame	d.List	C
43	To generate different charts with a single plot() function which attribute is	a. Graph	b. Subplot	c. kind	d. describe	C

44	What is Data Visualization?	It is a graphical representation of information and data	It is a character representation of information and data	It is a numerical representation of information and data	None of the above	A
45	Which is a plotting library used for 2D graphics in python programming language?	matplotlib.pyplot	matplotlib.numpy	matplotlib.pip	matplotlib.plt	A
46	Which function allows you to set the x and y limits with a single call?	plt.axis()	plt.legend()	plt.title()	plt.fig()	A
47	Which function is used to set axis labels?	xlabel()	ylabel()	Both of the above	None of the above	C
48	Which function is used for visualizing data points in two dimensions?	subplot()	legend()	scatter()	plot()	C
49	What is use of edgecolor attribute of the legend() function?	It is used for the legend's background color	It is used for the legend's background patch edge color	It is used for the legend's foreground color	It is used for the legend's foreground patch foreground color	B
50	To change the width of bars in bar chart, which of the following argument with a float value is used?	thick	thickness	width	barwidth	C
51	What are the mandatory parameters to plot data on chart for plot() method?	x and y	color	others	width	A
52	How do we create x and y axis in a simple plot?	Using subplot ()	Using pandas	Using linespace() method of numpy	Using linearspace()	C
53	What is the syntax to import matplotlib in python file to create simple plot?	Import matplotlib	Import matplotlib.pyplot as plt	Import pyplot as plt	None of the above	B
54	which library is the most used visualization library in python?	visual	matlibplot	matplotlib	matlab	C
55	Which of the following is / are the function that support & enhance plot?	Range()	Subplot ()	Legend()	All of the above	D

56	which function of matplotlib can be used to create a line chart?	line	plot	graph	bar	B
57	To draw multiple plots in one figure, which function do we use?	Subplot()	Legend	Len()	None of the above	A
58	Which is a python package used for 2D graphics?	matplotlib.pyplot	matplotlib.pip	matplotlib.num py	matplotlib.plt	A
59	What does the following python code define? Plt.subplot(1,2,1)	The figure has 1 row, 2 columns & the graph has index 1	The figure has 1 column, 2 rows & the graph has index 1	The figure has 1 index, 2 rows & the graph has column 1	Error	A
60	Elements of a graph are described by an area which is called as _____	Range()	Legend ()	Len()	Show()	B
61	How to set a title in scatter chart?	Using title() function	Using scatter () function	Using show() function	None of the above	A
62	By default plot() function plots a _____	Histogram	Bar graph	Line chart	Pie chart	C
63	To plot x versus y, we can write _____ #plt is an alias for matplotlib.pyplot	plt.plot(y, x)	plt.plot(x)	plt.plot(x,y)	None of the above	C
64	_____ Function is used to generate a basic graph.	draw()	generate()	plot()	subplot()	C
65	Which of the following function is used to draw chart?	plot()	chart()	graph()	figure()	A
66	Which library is used for data visualization?	pandas	numpy	matplotlib	csv	C
67	_____ function is used to display figure/chart.	showing()	show()	display()	screen()	B
68	Which parameter of PLOT() is used to change the symbol of point?	symbol	marker	linestyle	label	B
69	A figure/chart contains _____	Plotting area	Legend	Axis labels	All of the above	D
70	_____ is used to give label to X axis.	title()	ylabel()	xlabel()	x_axis()	C
71	_____ function is used to set title for X-axis.	xtitle()	title()	setxtitle()	xlabel()	D

72	_____ function allows user to plot multiple graphs on single figure.	plot()	subplot()	part()	figure()	B
73	_____ type of graph is used to represent distribution of data.	Line Graph	Histogram Chart	Bar Graph	Pie Chart	B
74	subplot(2,2,3) displays the graph at _____.	first row first column	first row second column	second row first column	second row second column	C
75	_____ attribute of the pie chart is used to express the segment of a chart as percentage.	Labels	perc	explode	autopct	D
76	Plot() function plots the graph in form of _____.	Line	Scatter points	Bar	None of above	A
77	_____ displays the interval verses Frequency graph.	Bar chart	Line chart	Scatter chart	Histogram	D
78	Which of the following statements is used to create a histogram of 'step' type with 20 bins?	plt.hist(x, bins = 20, histype = "barstacked")	plt.hist(x, bins = 20)	plt.hist(x, bins = 20, histype = "step")	plt.hist(x, bins = 20, histype = hist())	C
79	Which of the following methods should be employed in the code to display a chart?	plot()	execute()	display()	show()	A
80	Which of the following is not a valid plotting function of pyplot ?	plot()	line()	pie()	bar()	B
81	Which is a python package used for 2D graphics?	matplotlib.pyplot	matplotlib.pip	matplotlib.numpy	matplotlib.plt	A
82	Identify the package manager for Python packages, or modules.	Matplotlib	PIP	plt.show()	python package	B
83	A _____ is a summarisation tool for discrete or continuous data.	quartile	histogram	mean	median	B
84	Which key is used to run the module?	F6	F3	F4	F5	D
85	Data visualization helps to	Understand data easily	Take a decisions	Improve the past performance	All	D
86	values along the axis can be restricted using _____ function	range()	subplot()	legend()	len()	A
87	which function of matplotlib can be used to create a line chart?	line	plot	graph	bar	B

88	recommended way to load matplotlib library is	import matplotlib.pyplot as plt	import matplotlib.pyplot	import matplotlib as plt	import matplotlib	A
89	_____ chart expresses distribution of continuous data	Histogram chart	Bar Chart	Line Chart	Scatter chart	A
90	Dataframe in Pandas is:	2 Dimensional Array	1 Dimensional Array	3 dimensional Array	List	A
91	We can analyze data in Pandas with	Series	DataFrame	Both of the above	None of the above	C
92	For Representation of discrete data _____ charts are used.	Bar chart	Line chart	scatter chart	histogram chart	A
93	Which of the following library in Python is used for plotting graphs and visualization	Matplotlib	NumPy	Pandas	None of the above	A
94	This chart depicts proportion and share of segment in terms of percentage.	Pie Chart	Bar Chart	Scatter chart	Line Chart	A
95	Which of the following command is used to install pandas?	install pandas	pip install pandas	pip pandas	None of the above	B
96	Data visualization is performed in terms of segmentation of total values in which type of chart.	Pie chart	Bar Chart	Line Chart	Scatter Chart	A
97	Which of the following library to be imported for creating chart in python?	Pandas	Matplotlib	Numpy	Sqlite3	B
98	A python chart contains _____	Plotting area	Axis labels	Legend	All of the above	D
99	By default plot() function plots a _____	Pie chart	Bar chart	Line chart	Histogram chart	C
100	Which of the following pyplot function is used to plot histogram.	Hist()	Histo()	Histograms()	All of the above	A
101	By default plot() function will plot _____ chart.	Histogram	Scatter	Line	Bar	C
102	Which of the following keyword argument is used to show triangle markers on plot?	t	o	s	^	D
103	Which Statement is used to plot a line chart for data stored in a DataFrame 'df' is _____	df.plot(line)	df.plot(df, line)	df.plot(kind = "line")	None from above	C

104	If arr is a 2D ndarray, then which of the following statement compute mean across the columns?	<code>arr.mean(axis=1)</code>	<code>arr.mean(axis=0)</code>	<code>arr.mean(0)</code>	<code>arr.mean(axis=2)</code>	A
105	The argument bins is associated with which of the following type of chart?	line	bar	histogram	pie	C
106	Which of the following statement will plot the data with black color, solid circle marker and --(double dash) as line style?	<code>plt.plot(numpy.random.randn(30), 'ko--')</code>	<code>plt.plot(numpy.random.randn(30), '--ko')</code>	<code>plt.plot(numpy.random.randn(30), '--ok')</code>	<code>plt.plot(numpy.random.randn(30), 'k--o')</code>	A