<u>Dashboard</u> / My co	ourses / <u>SCSA3016</u> / <u>General</u> / <u>Quiz-1(II YEARS & III YEARS)</u>
State Completed on Time taken	Thursday, 24 February 2022, 6:09 PM Finished Thursday, 24 February 2022, 6:53 PM 43 mins 39 secs 30.00 out of 30.00 (100%)
Question 1 Correct Mark 1.00 out of 1.00	
Which of the follow a. Data visualiza b. Communicati c. Decision mak d. All of the men	ng results
Your answer is correct The correct answer All of the mentione	is:
Question 2 Correct Mark 1.00 out of 1.00	
 which of the follow a. Overlaying b. All of the men c. Barplot d. Scatterplot 	ring graph can be used for simple summarization of data? Intioned
Your answer is correct The correct answer Barplot	

Question 3 Correct Mark 1.00 out of 1.00
What is ggplot2 an implementation of? a. the Grammar of Graphics developed by Leland Wilkinson b. the S language originally developed by Bell Labs c. a 3D visualization system d. the base plotting system in R
Your answer is correct. The correct answer is: the Grammar of Graphics developed by Leland Wilkinson Question 4 Correct Mark 1.00 out of 1.00
What is the role of exploratory graphs in data analysis?
○ a. Only a few are constructed.
○ b. Axes, legends, and other details are clean and exactly detailed.
© C. They are typically made very quickly.
Od. They are made for formal presentations.
Your answer is correct. The correct answer is: They are typically made very quickly.

22/22, 4:48 PM	Quiz-1(II YEARS & III YEARS): Attempt review
Question 5 Correct Mark 1.00 out of 1.00	
Data can be visualized using? a. graphs b. charts c. maps d. All of the above	
Your answer is correct. The correct answer is: All of the above	
Question 6 Correct Mark 1.00 out of 1.00	
Which method shows hierarchical data in a nested format?	
a. Treemapsb. Scatter plotsc. Area chartsd. Population pyramids	
Your answer is correct. The correct answer is: Treemaps	

22/22, 4:48 PM	Quiz-1(II YEARS & III YEARS): Attempt review	
Question 7 Correct Mark 1.00 out of 1.00		
Which of the following is false?		
 a. Data visualization decrease the 	he insights and take solwer decisions	~
b. Data visualization is another	form of visual art	
c. None Of the above		
d. data visualization include the	e ability to absorb information quickly	
Your answer is correct. The correct answer is: Data visualization decrease the ins	sights and take solwer decisions	
Question 8 Correct Mark 1.00 out of 1.00		
Which of the following plots are o	often used for checking randomness in time series?	
a. Autorank	J. Control of the con	
b. Autocorrelation		~
c. None of the above		
Od. Autocausation		
Your answer is correct.		
The correct answer is:		
Autocorrelation		

Question 9 Correct
Mark 1.00 out of 1.00
What is true about Data Visualization?
 a. Data Visualization is used to communicate information clearly and efficiently to users by the usage of information graphics such as tables and charts.
b. Data Visualization helps users in analyzing a large amount of data in a simpler way.
c. Data Visualization makes complex data more accessible, understandable, and usable.
Your answer is correct.
The correct answer is:
All of the above
Question 10 Correct Mark 1.00 out of 1.00
What is data visualization?
 a. It is the graphical representation of information and data
b. It is the numerical representation of information and data
○ c. None Of Above
d. It is the character representation of information and data
Your answer is correct.
The correct answer is:
It is the graphical representation of information and data

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Question 11 Correct Mark 1.00 out of 1.00	
What are the benefits of data visualization?	
a. Better analysis	
b. Identifying patterns	
c. Exploring business insights	
o d. All of the Above	✓
Your answer is correct.	
The correct answer is:	
All of the Above	
Question 12	
Correct	
Mark 1.00 out of 1.00	
Which are cons of data visualization?	
a. visual data is distorted or excessively used.	✓
b. It makes your report more visually appealing.	
o c. It conveys a lot of information in a small space	
od. All the mentioned	
Your answer is correct.	
The correct answer is: visual data is distorted or excessively	vusad
The correct answer is, visual data is distorted of excessively	, uscu.

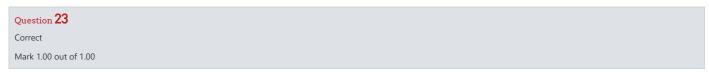
22/22, 4:48 PM	Quiz-1(II YEARS & III YEARS): Attempt review
Question 13 Correct Mark 1.00 out of 1.00	
Which of the following is not a part of data science proces	s?
a. Model Planning	
○ b. _{Discovery}	
c. Communication Buildingd. Operationalize	✓
Your answer is correct. The correct answer is: Communication Building	
Question 14 Correct Mark 1.00 out of 1.00	
Which of the following is false?	
 a. None Of the above b. data visualization include the ability to absorb information c. Data visualization decrease the insights and take solwed d. Data visualization is another form of visual art 	
Your answer is correct. The correct answer is: Data visualization decrease the insights and take solwer decrease the insights and take solwer decrease.	ecisions

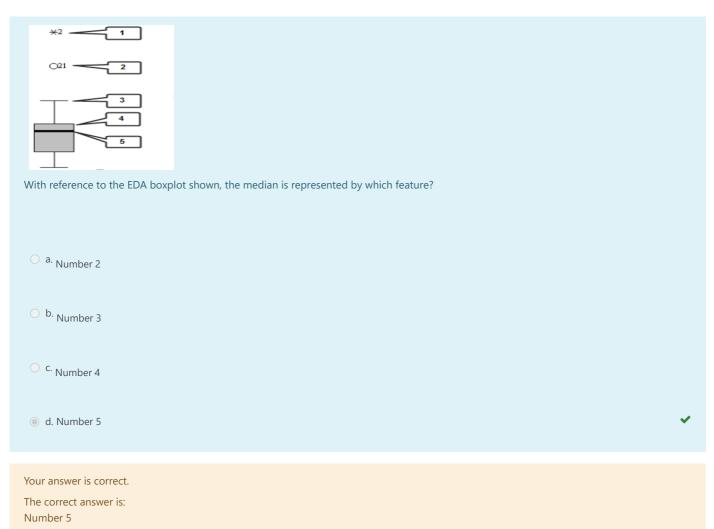
22/22, 4:48 P	M Quiz-1(II YEARS & III YEARS): Attempt review
Question 15 Correct Mark 1.00 out	
straight li a. Sca b. Hi c. Ba d. Lir	atter stogram
	ver is correct. ct answer is:
Question 16 Correct Mark 1.00 out	
a. taib. hec. firs	ad <mark>?</mark>
Od. sta	ver is correct.
The corre	ct answer is:

Quiz-1(II TEANO). Attempt review	
Question 17 Correct Mark 1.00 out of 1.00	
From matplotlibmodule is used for plotting various plots.	
a. Pyplot	~
○ b. Matlab	
○ c. Scilearn	
○ d. Scilab	
Your answer is correct. The correct answer is: Pyplot	
Question 18 Correct Mark 1.00 out of 1.00	
In matplotlib library ————- module supports basic image loading, rescaling and display operations	
○ a. sympy	
b. image	~
© D. Intage	
○ c. picture	
○ c. picture	
○ c. picture	

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Question 19 Correct Mark 1.00 out of 1.00	
 function from matplotlib.pyplot library plots bar graph for values of x and y. a. plot() b. bar() c. linedraw() d. draw() 	given ✓
Your answer is correct. The correct answer is: bar()	
Question 20 Correct Mark 1.00 out of 1.00	
In matplotlib ———— is container class for figure instance.	
a. FigureCanvas	✓
O b. Axes	
○ c. Figure	
○ d. Canvas	
Your answer is correct.	
The correct answer is:	
FigureCanvas	

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Question 21 Correct
Mark 1.00 out of 1.00
In dataframe to compute summary statistics like mean, standard deviation, min and max count etc for each numerical column ———function is used
o a. sort()
b. describe()
○ c. head()
O d. display()
Your answer is correct.
The correct answer is: describe()
Question 22
Correct Mark 1.00 out of 1.00
Most often, EDA relies on
a. testing for statistical significance
○ b. fixed models
○ c. assumptions
d. visual techniques
Your answer is correct.
The correct answer is: visual techniques





Correct Mark 1.00 out of 1.00
Mark 1.00 out of 1.00
A histogram is
a. Is an alternative to a pie chart.
b. Is a graphic representation of the frequency distribution of a qualitative or categorical variable.
C. Is a bar chart.
 d. Is a graphic representation of the frequency distribution of a continuous variable.
V
Your answer is correct.
The correct answer is: Is a graphic representation of the frequency distribution of a continuous variable.
is a graphic representation of the frequency distribution of a continuous variable.
Question 25
Correct
Correct
Correct Mark 1.00 out of 1.00
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Correct Mark 1.00 out of 1.00 Which one of the following statements is not correct about the data cleaning?
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Question 26 Correct Mark 1.00 out of 1.00	
Why do we need feature transformation?	
a. Converting non-numeric features into numeric	
○ b. Resizing inputs to a fixed size	
o c. Both A and B	✓
O d. None	
Your answer is correct.	
The correct answer is: Both A and B	
Both A and B	
Question 27	
Correct	
Mark 1.00 out of 1.00	
Which of the following is true about outliers?	
a. Data points that deviate a lot from normal observation	5
b. Can reduce the accuracy of the modelc. Both A and B	
C. Both A and B	· ·
O d. None	
Your answer is correct.	
The correct answer is:	
Both A and B	

Question 28
Correct Mark 1.00 out of 1.00
In standardization, the features will be rescaled with
○ a. Mean 0 and Variance 0
○ b. Mean 1 and Variance 1
○ c. Mean 1 and Variance 0
Your answer is correct.
The correct answer is: Mean 0 and Variance 1
Wearro and variance i
Question 29
Correct
Mark 1.00 out of 1.00
The correct way of pre processing the data should be
 a. Imputation -> feature scaling-> training
b. Feature scaling->imputation->training
c. Feature scaling->label encoding->training
O d. None
Your answer is correct.
The correct answer is:
Imputation ->feature scaling-> training
Question 30 Correct
Mark 1.00 out of 1.00
How to handle the missing values in the dataset?
a. Dropping the missing rows or columns
○ b. Imputation with mean/median/mode value
c. Taking missing values into a new row or column
d. All the mentioned
Your answer is correct. The correct answer is: All the mentioned
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Assignment 2 (II Years & III Years) ▶

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