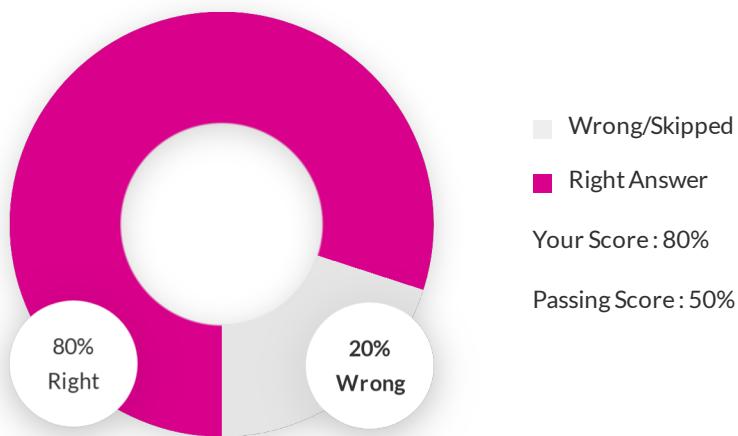


Essentials of Data Visualization using MS Excel

Dashboard Visualization

Quiz Result

Quiz Completion Time: 00:02:53



Your Strong Areas:

Lesson - [Data Visualization](#)

Lesson - [Overview of Using Data](#)

Lesson - [Use of Tables](#)

Lesson - [Use of Charts](#)

Lesson - [Data Dashboard](#)

1. Data visualization is the process of _____.

Your Answer : Representation of data in the form of images

Description : Data visualization is the process of representing data in the form of images. This can be done using charts, graphs, and other visual representations. Data visualization can be used to make data more understandable and to communicate insights from data to others.

Question Reference From : Data Visualization

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2. Which chart is most suitable for representing the correlation between two variables?

Your Answer : Scatter Plot 

Description : The scatter plot is most suitable for representing the correlation between two variables. Scatter plots show the relationship between two variables by plotting the values of each variable on a coordinate plane. The correlation between two variables can be determined by looking at how the points on the scatter plot are distributed.

Question Reference From : Use of Charts

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3. What is the purpose of a data dashboard?

Your Answer : Both (a) and (b) 

Description : A data dashboard is a visual representation of data that is used to track and monitor key metrics. It provides information about multiple metrics on a single screen, which makes it easy to see the most important information at a glance. Dashboards can be used to display data from a variety of sources, such as databases, spreadsheets, and social media platforms.

Question Reference From : Data Dashboard

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4. Which term is used to describe the organized dimension table where all the data is stored?

Your Answer : Database 

Description : A database is a collection of data that is organized in a way that allows it to be easily accessed and managed. A database typically consists of tables, which are collections of rows and columns. Each row in a table represents a single record, and each column represents a single attribute of the record.

Question Reference From : Overview of Using Data

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5. A data dashboard enables the management in quick decision making.

Your Answer : True 

Description : A data dashboard is a tool that presents critical information visually, like charts and graphs, so that managers can quickly understand key insights. This visual snapshot helps them make informed decisions faster, without needing to dig through lots of detailed data.

Question Reference From : Data Dashboard

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6. What is a sample?

Your Answer : A subset of required data from the whole population 

Description : A sample is a subset of required data from the whole population. For example, if anyone wants to know the average height of people in a country, they can't measure the height of everyone in the country. Instead, they can take a sample of people and measure their height.

Question Reference From : Overview of Using Data

7. How is the data represented in a tabular form beneficial?

Your Answer : Both (a) and (b) 

Description : Data represented in tabular form is beneficial in two ways: ● It provides information on data values that have a direct relationship. For example, a table of sales figures can show how sales have changed over time or how sales vary by product category. ● It helps in analyzing sales patterns over a period of time. For example, a table of sales figures can be used to identify trends in sales, such as seasonal fluctuations or changes in customer behavior.

Question Reference From : Use of Tables

8. Which of the following is used to identify the appropriate data that serves the purpose of data representation?

Your Answer : Data Interpretation 

Correct Answer : Data Ink Ratio 

Description : The data-ink ratio is used to identify the appropriate data that serves the purpose of data representation. The data-ink ratio is the ratio of the amount of data (ink) to the amount of non-data (white space) in a visualization. A high data-ink ratio means that the visualization uses a lot of ink to represent the data, which can make it difficult to read.

Question Reference From : Use of Tables

9. Which of the following correctly defines a data dashboard?

Your Answer : Tool for Data Visualization 

Description : A data dashboard is usually a tool for data visualization. It is the visual representation of data that is used to track and monitor key metrics.

Question Reference From : Data Dashboard

10. To analyze the sales trend of the product the _____ chart is helpful.

Your Answer : Line 

Correct Answer : Column 

Description : A column chart is a graphical representation of data that shows the values of different categories of data. It is a good choice for representing data that is not changing over time, such as the sales of different products in a single period of time.

Question Reference From : Use of Charts

