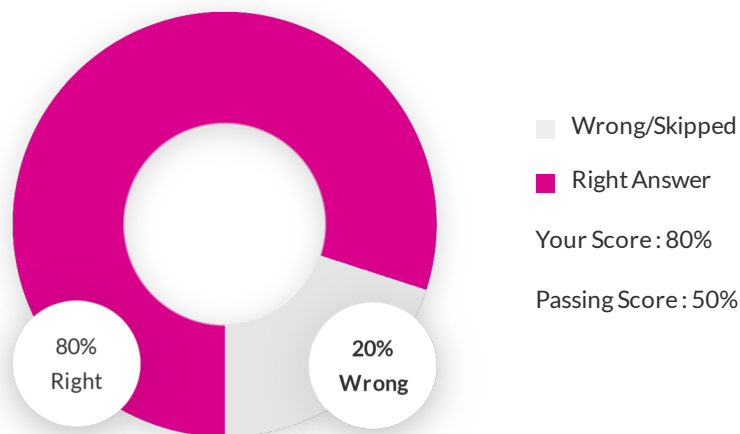


# Essentials of Data Visualization using MS Excel

## Quantitative Analysis

### Quiz Result

Quiz Completion Time : 00:01:53



#### Your Strong Areas:

Lesson - [Creating Distributions from Data](#)

Lesson - [Quantitative Data](#)

Lesson - [Histograms](#)

1. Which of the following formulas is required to calculate the relative frequency of data?

**Your Answer** : Count the number of frequencies / total number ✓

**Description :** The formula required to calculate the relative frequency of data to be obtained is: Count the number of frequencies / total number. Relative frequency is a statistical measure that represents the proportion or percentage of data points belonging to a particular category or class relative to the total number of data points.

**Question Reference From : Creating Distributions from Data**

2. Which of the following is selected to obtain the frequency distribution of data?

**Your Answer** : Range of Cells ✓

**Description :** To obtain the frequency distribution of data in Microsoft Excel, the user needs to select a range of cells that contains the data he/she wants to analyze. This range of cells can include a column, row, or a combination of cells with the data the user wants to examine for its frequency distribution.

**Question Reference From : Quantitative Data**

3. Which option is used to generate a histogram in the same worksheet?

**Your Answer** : Output Range ✓

**Description :** To generate a histogram in the same worksheet output range is selected. The output range is the range of cells where the histogram will be created. The output range can be the same worksheet as the data, or it can be a different worksheet.

**Question Reference From : Histograms**

4. Which type of data is represented when data is available from multiple categories, such as A, B, and C?

**Your Answer** : Categorical Data ✗

**Correct Answer** : Frequency Distribution of Data ✓

**Description :** Frequency distribution refers to the organization and representation of data based on the frequency or count of each category or value within a dataset. It involves tabulating the data into different categories or bins and recording the number of occurrences or frequency of data points falling into each category.

**Question Reference From : Creating Distributions from Data**

5. Where is the input range selected in an Excel worksheet?

**Your Answer** : Input Option ✓

**Description :** In the Excel worksheet, the input range is selected in the input option. The input range is the range of cells that contains the data values. The frequency distribution formula will calculate the frequency count for each cell in the range.

**Question Reference From : Histograms**

