

## Why do we use data visualisation?

- ☐ To highlight patterns and relations in data
- ☐ To condense large amount of data into a small
- ☐ Increase readability of data
- ☒ All of the given options

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Which is the best way to pictorially represent the most used words in an article?

- ☒ Word Cloud
- ☐ Bar Graph of Word Count
- ☐ Histogram
- ☐ Line Chart

Warning

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State True/False: Sum of all slices of a pie chart will be exactly 100%.

☒ True

☐ False

Warning

For any given box plot, what is the difference between the maximum and minimum values of a data range?

- ☐ 4 \* (Interquartile Range)
- ☐ 5 \* (Interquartile Range)
- ☒ 3 \* (Interquartile Range)
- ☐ None of the above

### Warning

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An HR unit of a company is conducting study to analyse the impact of recreational facilities in the campus on the performance of employees. The visualisation requirements include working hours and the time spent at recreational facilities. The HR is cautious to include margins for breaks as errors to the working hours. Which of the following constructs will help the HR to achieve the same?

- ☐ Multiple Bar Chart
- ☐ Stacked Bar Chart
- ☒ Error Bars
- ☐ All of the above

Warning

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Ok

Plots along the diagonal of a pair plot matrix are \_\_\_\_\_.

- ☒ Univariate
- ☐ Bivariate
- ☐ Constant
- ☐ None of the above

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Which of the following plots is used to study the variations in data distribution?

- ☐ Histogram
- ☐ Pie Chart
- ☐ Dist Plot
- ☒ Box Plot

Warning

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Which of the following plots is best suited for depicting the frequency distribution of continuous numerical data?

- ☐ Bar Graph
- ☒ Histogram
- ☐ Line Chart
- ☐ Scatter Plot

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Weekly sales data collected over a period, for a single supermarket can be categorized as:

- ☒ Temporal Data
- ☐ Network Data
- ☐ Topical Data
- ☐ Geospatial Data

Warning

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What is a combination of two univariate and one bivariate plot called?

- ☒ Joint Plot
- ☐ Pair Plot
- ☐ Dist Plot
- ☐ Heat Map

Warning

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Which of the following Python libraries can be used to plot real time interactive graphs?

- ☐ Matplotlib
- ☐ Seaborn
- ☐ Plotly
- ☒ All of the above

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Which of the following can be estimated using a scatter plot?

- ☐ Data Clusters
- ☐ Outliers
- ☐ Relations between data
- ☒ All of the above

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Thank you. Your test submitted.

You have cleared this assessment.

Obtained Percentage

Obtained Marks

73.33 %

11 / 15

Best Attempt Score:73.33 % on 22-03-2025

[Review Your Attempt](#)

Ranks or designations in an organisation hierarchy are an example of \_\_\_\_\_.

- ☒ Ordinal Data
- ☐ Nominal Data
- ☐ Binary Data

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Which of the following graph is preferable when data is based on continuous time?

- ☐ Choropleth Map
- ☐ Word Cloud
- ☒ Line Chart
- ☐ Heat Map

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A typical example of data visualisation for self-consumption would be\_\_\_\_\_.

- ☒ a scatter plot to understand distribution of c
- ☐ quarterly sales report chart to be presented
- ☐ choropleth map to represent average annua
- ☐ pie chart to show types of cars(sedan,hatchb

Warning

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