Ashu b matplot 1.

Matplotlib Exam 1

Scatter plot:

1)What type of analysis is a scatter plot typically used for?

A)Bivariate

2)In a scatter plot,What is plotted along the x-axis & y- axis?

A)Both continuous

3)Which of the following is a key purpose of scatter plot?

A)Showing relationship between two continuous variables.

4) What does each point in a scatter plot represent?

A)A pair of values.

\*Pie chart:

5)What kind of variable is represented on the x-axis in pia chat?

A)Continuous

6)What does pia chat usually represent?

A)Relationship between two variables.

7)Which type of analysis is typically performed using pia chat?

A)Univirate.

\*Line plot:

8)What is the primary use of a line plot?

A)Displaying trends over a time.

9)What type of data is usually plotted along the x-axis in a line plot?

A)Continuous,Usually time.

10)In a line plot,What are the lines between data points?

A)A trend or sequence.

\*Histogram:

11) What does a histogram display?

A)The distribution of a single continuous variable.

12)What is represented on the y-axis of a histogram?

A)Frequency or count.

13)Which of the following is true for histogram?

A)They group data into bins & count observations.

\*Bar plot:

14)What type of variable is usually plotted along the x-axis in bar plot?

A)Categorical.

15)Which of the following statements about bar plot is true?

A)Bar plots compare different categories or groups using bars of varying length.

Tab 2