Multivariate data analysis is application of\_\_ All

Pattern such as group or trend in the data table can not be studied using Multivariate data analysis. incorrect

Dependent variables refers to those variables\_\_ variation is analysed

Independent variables refers to those variables\_\_ Which acts as an input in the experiment. \*

Multivariate data analysis helps us to\_\_ both

What is multivariate statistics? All

What are the features of multivariate random variable? Both options

Use of only one variable to describe the data is known as\_\_ univariate data analysis

\_\_ is an example of Multivariate analysis in which relationship exist between a dependent variable and independent variable/s. partial least square

If the area under the PDF curve is zero, then\_\_ Probability=0

Lurking variable remains\_\_ hidden during analysis

Principal component analysis reduces\_\_ large number of correlated variable

Probability mass function is also known as\_\_ prob density function

Least number of coordinates required to showcase a point is\_\_ dimension

What is done when a new data in the sub Interval is added? 1 bin added to top

Amalgamation paradox is also known as\_\_ simpson’s paradox

What is the drawback of using Kernel density estimation's Histogram method? plot is not smooth

Stochastic variables are also known as\_\_ random variables

Final: 15/15

1. What are the features of multivariate random variable? Both

2. What is box kernel density estimate? block in the histogram is centered over the data points

3. Features of probability density function are\_\_ All

4. What is prior probability? Probability distribution done in lack of evidence.

5. In box kernel density estimation,\_\_ histogram is centered over the data points

6. We use \_\_ in histogram for sub intervals. Bins

7. What is Kernel density estimation? **non - parametric density estimation**

8. What is density estimation? Estimate probability density function

9. What is multivariate statistics? All

10. What is parameter? Both

11. Stochastic variables are also known as\_\_ random variable

12. What is Random walk? **we can not predict the outcome in advance**

13. Use of only one variable to describe the data is known as\_\_ univariate

14. Lurking variable remains\_\_ hidden during analysis

15. Multivariate data analysis is application of\_\_ all