Tutorial -2

(Data Science-17B11CI611)

-----------------------------------------------------------------------------------------------------------------------------------------

*The questions given below are from the introductory classes of Data Science. Try to answer these questions on the basis of observation made by you.*

1. Compare Data Science vs. Machine Learning
2. What is Data Science?
3. How is it different from Big Data and Data Analytics?
4. Which language is more suitable for text analytics? R or Python?
5. What is a Recommender System?
6. Compare SAS, R and Python programming?
7. Explain the various benefits of R language?
8. What is logistic regression?
9. Why data cleansing is important in data analysis?
10. Describe univariate, bivariate and multivariate analysis.
11. How machine learning is deployed in real world scenarios?
12. What are the various aspects of a Machine Learning process?
13. What do you understand by the term Normal Distribution?
14. What is Linear Regression?
15. What is Interpolation and Extrapolation?
16. What is Power Analysis?
17. What is K-means? How can you select K for K-means?
18. How is Data modeling different from Database design?