

## Assignment 1 ( B.Tech CSE 5<sup>th</sup> Semester )

Date of Submission: 30 Sept 2024

Question (1-14) :1.5 Marks

1. How distance is calculated using Euclidean distance?
  2. Differentiate between SVM and Linear Regression.
  3. What is meant by variance?
  4. Explain reinforcement learning?
  5. Name the components in time series.
  6. Differentiate between linear regression and logistic
  7. Regression.
  8. What is regression?
  9. What do you mean by variance?
  10. What is data preprocessing?
  11. What is unsupervised learning?
  12. What are decision trees?
  13. What is Dataset?
  14. Distinguish between overfitting and underfitting
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15. What is support vector machine? (8)
  16. What is linear regression? Explain briefly. (7)
  17. What is Naive Bayes Classifier(8)
  18. What is machine learning? Explain different types of Machine learning algorithms? Explain steps of implementation of machine learning algorithms? (15)