AMA Question Bank Unit test 2

2 mark question:

1. Define Multiclass classification
2. State any four important supervised machine learning algorithms
3. Define term MSE, RMSE, MAE
4. Define different unsupervised algorithm
5. Define Training Dataset & Testing Dataset.
6. What is Data Cleaning
7. Define Linear Regression
8. What is Binary Classification?
9. Define the term multiple linear regression & logistic regression
10. Define supervised and unsupervised learning

4 mark question:

1. Differentiate between over fitting and underfiting
2. State and explain different types of learning.
3. Implement simple linear regression algorithm in python
4. Describe in detail data cleaning.
5. What is training and testing of model
6. What is cross validation and why is it important in model evaluation
7. Explain the concept of one vs one and one vs rest in multiclass classification
8. What is confusion matrix
9. What is Decision tree explain with suitable diagram
10. What is Hierarchical Clustering explain with diagram.