

DSC Unit 4 , 5, 6

UNIT 4:-

1. Difference between Algorithm & model
2. Ordinary Least Squares
3. Ridge Regression V/s Lasso Regression difference
4. KNN - Numerical + Theory
5. Regression V/s Classification Difference

UNIT 5:-

1. Explain Validation Approaches with example
2. Classification / Decision tree (Theory + Example)
3. Explain Support Vector Machines
4. Explain Random Forest
5. Difference between ML & Deep Learning
6. Neural Networks - ANN & CNN (Theory + numerical)
7. Explain Deep Learning Network with example
8. Perceptron Model - ANN

UNIT 6:-

1. Clustering (Theory + Numerical [k-means])
2. Association rule numerical - [APRIORI ALGO- Support , confidence , lift ratio formulas)
3. Explain Normalisation & its techniques
4. Converting a conceptual model to logical model