

Day 3 Submission:-

- 1) d) Collinearity
- 2) b) Random Forest
- 3) c) Decision Tree are prone to overfit
- 4) c) Training data
- 5) c) Anamoly detection
- 6) c) Case based
- 7) d) Both a and b
- 8) c) Both a and b
- 9) c) 3
- 10) a) PCA
- 11) c) Neither feature nor number of groups is known
- 12) d) None of the above
- 13) b) Underfitting
- 14) a) Reinforcement learning
- 15) b) Mean squared error
- 16) c) Nonlinear, binary
- 17) A. supervised learning
- 18) C. both a and b
- 19) A. removing columns which have too many missing values
- 20) A. output attribute.
- 21) A. SVM allows high amount of error in classification
- 22) (B) Only 2
- 23) (A) $-(6/10 \log(6/10) + 4/10 \log(4/10))$
- 24) (A) weights are regularized with the l1 norm
- 25) (B) Logistic regression and Gaussian discriminant analysis
- 26) (D) Either 2 or 3
- 27) (A) increase by 1 pound
- 28) (A) Pass through as many points as possible.
- 29) (A) The attributes are not linearly related
- 30) (B) Convolutional Neural Network