

Answer Od D3 Sheet

- 1) a) Performance
- 2) b) Random Forest
- 3) c) Decision Tree are prone to overfit
- 4) c) Training data
- 5) a) Clustering
- 6),
- 7) d) Both a and b
- 8) d) None
- 9) c) 3
- 10) a) PCA
- 11) d) None of the above
- 12) b) SVG
- 13) b) Underfitting
- 14) a) Reinforcement learning
- 15) b) Mean squared error
- 16) a) Linear, binary
- 17) A. supervised learning
- 18) C. both a and b
- 19) A. removing columns which have too many missing values
- 20) B. hidden attribute
- 21) (C) Underfitting
- 22) **M**
- 23) (C) $\frac{4}{10} \log(\frac{6}{10}) + \frac{6}{10} \log(\frac{4}{10})$
- 24) (A) weights are regularized with the l1 norm
- 25) (A) Perceptron and logistic regression

- 26)** D) Either 2 or 3
- 27)** A) increase by 1 pound
- 28)** (D) Minimize the squared distance from the points
- 29)** A) The attributes are not linearly related
- 30)** (B) Convolutional Neural Network