

- 1) D) Collinearity
- 2) B) Random Forest
- 3) C) Decision Tree are prone to overfit
- 4) C) Training Data
- 5) C) Anomaly 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 Groups are known
- 12) B) SVG
- 13) B) Underfitting
- 14) A) Reinforcement Learning
- 15) B) Mean Squared Error
- 16) C) Non-Linear, Binary
- 17) A) Supervised Learning
- 18) C) Both A and B
- 19) A) Removing columns which have too many missing values
- 20) C) Input Attribute
- 21) A) SVM allows very low 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) D) Minimize the squared distance from the points
- 29) B) As the value of one attribute increases, the value of the second attribute also increases
- 30) B) Convolutional Neural Network