

MACHINE LEARNING WORKSHEET 1 (Answers)

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Worksheet_set_1(1 to 12) [FLIP ROBO]

Question 1. Which of the following methods do we use to find the fit line for data in Linear Regression?

Answer 1. (A) Least Square Error

Question 2. Which of the following statement is true about outliers in linear regression?

Answer 2. (A) Linear regression is sensitive to outliers

Question 3. A line falls from left to right if a slope is _____?

Answer 3. (B) Negative

Question 4. Which of the following will have symmetric relation between dependent variable and independent variable?

Answer 4. (B) Correlation

Question 5. Which of the following is the reason for over fitting condition?

Answer 5. (C) Low bias and high variance

Question 6. If output involves label, then that model is called as:

Answer 6. (B) Predictive model

Question 7. Lasso and Ridge regression techniques belong to _____?

Answer 7. (D) Regularization

Question 8. To overcome with imbalance dataset which techniques belong to?

Answer 8. (D) SMOTE

Question 9. The AUC Receiver Operator Characteristic (AUCROC) curve is an evaluation metric for binary classification problems. It uses _____ to make graph?

Answer 9. (A) TPR and FPR

Question 10. In AUC Receiver Operator Characteristic (AUCROC) curve for the better model area under the curve should be less.

Answer 10. (A) True

Question 11. Pick the feature extraction from below:

Answer 11. (A) Construction bag of words from a email

Question 12. Which of the following is true about Normal Equation used to compute the coefficient of the Linear Regression?

Answer 12. (A) We don't have to choose the learning rate.

(B) It becomes slow when number of features is very large.