

Machine Learning

Answers[1-15]

1. A
2. A
3. B
4. A
5. C
6. B
7. D
8. D
9. A
10. B
11. B
12. A,B,D
13. Regularization refers to techniques used to calibrate machine learning models to minimize the adjusted loss function and avoid overfitting or underfitting.
14. Ridge Regression, Lasso Regression and Dropout.
15. An error term is the term in a model regression equation that tallies up and accounts for the unexplained difference between the actually observed values of the independent variable and the results predicted by the model. Hence, the error term is a measure of how accurately the regression model reflects the actual relationship between the independent and dependent variable or variables. The error term can indicate either that the model can be improved, such as by adding in another independent variable that explains some or all the difference, or by randomness, meaning that the dependent and independent variable or variables are not correlated to any greater degree.