

Q13 and Q15 are subjective answer type questions, Answer them briefly.

13. Explain the term regularization?

Answer - Regularization is a technique used to reduce the errors by fitting the function appropriately on the given training set and avoid overfitting or underfitting.

14. Which particular algorithms are used for regularization?

Answer – There are three main algorithms used for regularization they are as follows:

1. Ridge Regression (L2 Norm)
2. Lasso (L1 Norm)
3. Dropout

15. Explain the term error present in linear regression equation?

Answer – The term error in linear regression equation represents the effect of the variables that were omitted from the equations, it is the difference between the expected price at a particular time and the price that was actually observed.