

Q NO 1 A) LEAST SQUARE ERROR

Q NO 2 A) LINEAR REGRESSION IS SENSITIVE TO OUTLIERS

Q NO 3 A) Positive

Q NO 4 B) Correlation

Q NO 5 C) Low bias and high variance

Q NO 6 B) Predictive model

Q NO 7 D) Regularization

Q NO 8 B) Regularization

Q NO 9 C) Sensitivity and Specificity

Q NO 10 A) True

Q NO 11 B) Apply PCA to project high dimensional data

Q NO 12 A),B),C)

Q NO 13 Regularizations are techniques used to reduce the error by fitting a function appropriately on the given training set and avoid overfitting

Q NO 14 There are three main regularization techniques, namely: Ridge Regression, Lasso, Dropout

Q NO 15 the error term is the difference between the expected price at a particular time and the price was actually observed