**Linear Regression Model**

A linear regression model was trained using the training data that, has been split seventy percent for training and thirty percent for testing, to predict the compressive strength of different concrete mixtures.

When the performance of the linear regression model was evaluated using K-Fold Cross-Validation, K equalling 5 in this scenario, it achieved a mean squared errors of 209.27, 141.35, 127.61, 86.70, and 75.74. A mean average of these mean squared errors amounts to 128.14.