

Module 5: Assignment 6 – Prediction for Multi Linear Models

Problem Statement:

You work in XYZ Corporation as a Machine Learning Engineer. After training the multiple linear model, now the corporation wants you to predict the values on top of the test set.

Tasks to be performed:

1. After building a multi linear model on top of the train set for the city_temperature data frame, now find the prediction values of the model1 on top of the test dataset.
 - a. Now combine the actual values and predicted values of the model and store that combined data in a new data frame named 'MultiResult1'.
 - b. Find out the errors in the predicted values.
 2. After building a multi linear model on top of the train set for the Placement_Data_Full_Class data frame, now find the prediction values of the model2 on top of the test dataset.
 - a. Now combine the actual values and predicted values of the model and store that combined data in a new data frame named 'MultiResult2'.
 - b. Find out the errors in the predicted values.
 3. After building a multi linear model on top of the train set for the Pharmacovigilance_audit_Data data frame, now find the prediction values of the model3 on top of the test dataset.
 - a. Now combine the actual values and predicted values of the model and store that combined data in a new data frame named 'MultiResult3'.
 - b. Find out the errors in the predicted values.
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