**CS 459 – Introduction to Machine learning**

**Assignment No. 03**

**Due on 12th June 2023**

Choose a data set of at least 20 examples with at least five features (at least one should be continuous valued feature) to solve a regression problem.

Consider 15 examples for training and 5 for testing purposes.

Apply Regression Tree, Random Forest (with two trees) and XGBoost (with two trees).

Test your models on unseen data set and analyze the results specially based on accuracy, precision and recall. Furthermore, discuss whether the model(s) are suffering from high bias or high variance in your report?