Machine Learning Techniques Prediction Accuracy Competition

Task Objective

Use the dataset to predict housing prices via California Housing Prices dataset. Aim for the highest prediction accuracy. The group who achieves the highest prediction accuracy wins

1. Data Preprocessing Phase:

  - Explore the dataset, handling missing values and outliers.

  - Pick the features that you think might be relevant for predicting housing prices.

2. Feature Engineering and Selection:

  - You may create new features (for instance; combining latitude and longitude for location-based insights) and select the most relevant features for their model.

3. Model Training:

  - Choose and train a model. You can use Decision Trees, Random Forest, SVM, Neural Networks, or other algorithms.

4. Model Evaluation:

  - Use a portion of the dataset to test the models' accuracy.

5. Presentation and Discussion:

  - Present your methodology and findings.