Boston Housing Data

- Description: Predict the house price in Boston from house details
- T**ype: Regression**
- Dimensions: 506 instances, 14 attributes
- Inputs: Numeric
- Output: Numeric
- https://www.kaggle.com/datasets/altavish/boston-housing-dataset
- https://www.kaggle.com/code/andyxie/regression-with-r-boston-housing-price

Wisconsin Breast Cancer Database

- Description: Predict whether a cancer is malignant or benign from biopsy details.
- Type: Binary Classification
  Dimensions: 699 instances, 11 attributes
- Inputs: Integer (Nominal)
- Output: Categorical, 2 class labels
- UCI Machine Learning Repository: Description
- Published accuracy results: Summary\
- https://www.kaggle.com/code/sachinudgam/breast-cancer-analysis-in-r-programming

Johns Hopkins University Ionosphere database

- Description: Predict high-energy structures in the atmosphere from antenna data.
- Type: Classification
- Dimensions: 351 instances, 35 attributes
- Inputs: Numeric
- Output: Categorical, 2 class labels
- UCI Machine Learning Repository: Description
- Published accuracy results: Summary
- https://www.kaggle.com/datasets/prashant111/ionosphere

Pima Indians Diabetes Database

- Description: Predict the onset of diabetes in female Pima Indians from medical record data.
- Type: Binary Classification
- Dimensions: 768 instances, 9 attributes
- Inputs: Numeric
- Output: Categorical, 2 class labels
- Dataset Details: Description
- Published accuracy results: Summary
- https://www.kaggle.com/datasets/uciml/pima-indians-diabetes-database

Sonar, Mines vs. Rocks

- Description: Predict metal or rock returns from sonar return data.
- Type: Binary Classification
- Dimensions: 208 instances, 61 attributes
- Inputs: Numeric
- Output: Categorical, 2 class labels
- UCI Machine Learning Repository: Description
- Published accuracy results: Summary
- https://www.kaggle.com/code/sugamkhetrapal/project-3-sonar-mines-vs-rocks

Soybean Database

- Description: Predict problems with soybean crops from crop data.
- Type: Multi-Class Classification
- Dimensions: 683 instances, 26 attributes
- Inputs: Integer (Nominal)
- Output: Categorical, 19 class labels
- UCI Machine Learning Repository: Description
- https://www.kaggle.com/code/aishwaryayadugani/soyabean-dataset-66b8/data

Abalone Data

- Description: Predict abalone age from abalone measurement data.
- Type: Regression or Classification
- Dimensions: 4177 instances, 9 attributes
- Inputs: Numerical and categorical
- Output: Integer
- UCI Machine Learning Repository: Description
- https://www.kaggle.com/datasets/rodolfomendes/abalone-dataset/code