Supervised Learning

Exercise 1

1. Load and return the boston dataset from sklearn.datasets.

2. Split the boston dataset into train data and test data.

3. Standardize the data.

4. Train or fit the data into a model using the Support Vector Machine Algorithm and test it.

5. Select best hyperparameters of the model using GridSearch.

6. Create a function to test the different hyperparameters.

7. Train or fit the data using other algorithms.

8. Compare the performance of the different algorithms. Which is the best Model?

Exercise 2

1. Load and return the dataset titanic from Seaborn library.

2. Use different machine learning models to predict the Survival of Titanic Passengers.

3. Which is the best Model?