The dataset chosen is **Fish Market** dataset which is in csv form, **and the data was updated in 2019. The purpose of the dataset is to predict the fish species for the fish that caught off the coast of Finland.**

Dataset Name : Fish Market

Dataset Source : https://www.kaggle.com/aungpyeap/fishmarket

Dataset Owner : Aung Pyae

The combined features that were taken in consideration were

1. Fish Weight
2. Horizontal Length
3. Vertical Length
4. Diagonal Length
5. Fish Height
6. Fish Width

The Dataset was trained on these Machine Learning models to classify the Fish Species.

a. Support Vector Machine (On different Kernels)
b. Naïve Bayes classifier (Multinomial)
c. Multi-Layer Perceptron.

The highest accuracy was achieved during the testing on SVM with “ rbf “ kernel, with an accuracy of 96.875% and the Lowest accuracy was during Naïve-Bayes classifier, with an accuracy of 59.375%.