Machine Learning - 2 project draft:

Dataset:

The dataset we have considered for this project is "abalone" dataset from UCI Machine Learning Repository. There is total 4177 instances with 8 features.
We want to perform a prediction for finding the age of abalone from physical measurements.
Accept the feature "sex" which is categorical, other features are continuous.
The target feature "Rings" is given as integer.
Link to dataset: https://archive.ics.uci.edu/dataset/1/abalone

The selected models:

We want to use the following models for our project:

- Ridge regression   (ML-1)
- Support vector regression   (ML-2)

As the dataset is not large and the feature names are interpretable, we hope that the selections that we have made suits the scope of the project.
Please check the R script that loads the data as well as some few data exploratory steps.