**Homework 2**

1. Load the breast\_cancer dataset from skelarn (from sklearn.datasets import load\_breast\_cancer). Split the dataset into training and test datasets. Scale the dataset using minmaxscaler. Use svm classifier and report the score on the test dataset.
2. Repeat Step 1 using pipelines and report the score.
3. Use the pipeline object from Step 2 and make a grid search on parameters C and gamma (of SVM).
4. Use the same dataset. Create a pipeline with standardscaler and logistic regression. Make a grid search on parameter C.
5. Import bike\_day\_raw.csv. Create a pipeline using ColumnTransfer, Scaling, and ridge regression.