**COIL20**

**Data Set Information:**

This dataset consists of 32 x 32 gray scale images of 20 objects viewed form varying angles

**Attribute Information:**

y\_train.csv, y\_test.csv: contains the labels of the images numbered from 1 to 20

X\_train.csv, X\_test.csv: contains the features. An 32 x 32 image converted to 1x1024 vector ranging from 0 to 1 which represents a grayscale image

**TASK:**

There are two datasets: (X\_train.csv, y\_train.csv) and (X\_test.csv, y\_test.csv)

Use information in the training dataset to classify the label of images in the test set.

**Relevant Papers:**

Nene, S. A., Nayar, S. K., & Murase, H. (1996). Columbia object image library (coil-20).