

# A.I. Assignment 6

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## Clustering

Implement a k-mean algorithm of clustering in order to divide the data from the dataset file in four classes.

The dataset is in file *dataset.csv* and consists of 2000 labeled records. The records have the structure:

"label" , "val1" , "val2"

The labels are A, B, C, D. Please observe that you might not get them in that order while clustering.

Since the records are labeled you have to compute (similar as in supervised learning) the accuracy index, the precision, the rappel, and the score.

For this assignment one can get a maximum **100** points.

**Due time:**

**1 week for the final solution.**

**IF is not done in the first week you will have a penalty of 10 points.**

**The solution can not be turned in after the 2 weeks.**