Assignment 1

k-Nearest Neighbor Classification

ITC 502 Machine Learning and Deep Learning

1. Which distance metric is better for the Iris dataset? Why?

Answer:

I found 1 difference between ‘euclid’ and ‘manhattan’ parameters at k = 11

At the best score the results was same.

2) In general, which k parameter is good for the Iris dataset?

Euclid : 3 ,5 ,7 ,9 ,11 - %96

Manhattan : 3 ,5 ,7 ,9 - %96