

Playing with k-NN - Homework 2 Report

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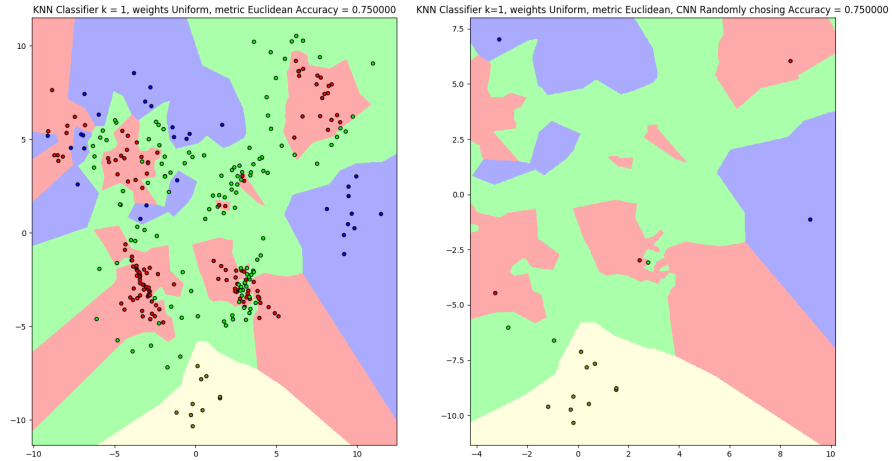
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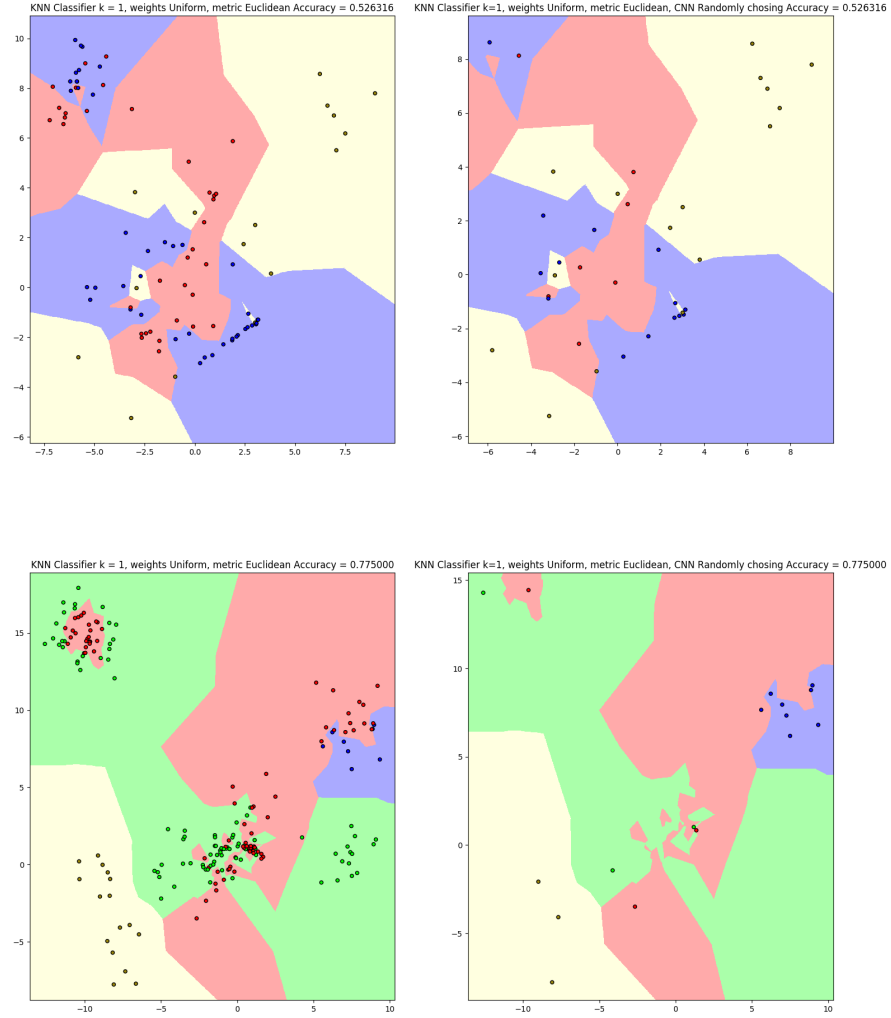
Data generation

Data is generated using sklearn's data generation functions, for faster processing and harder classification, relatively low number of samples are generated. Also, noise is added to dataset.

Results

Result can be seen as follows





Therefore, it can be said that, CNN compression method reduces data and increases accuracy.