

IT 542: Pattern Recognition and Machine Learning

Assignment 7

Fuzzy c-means and Agglomerative clustering

(1) Implement Fuzzy c-means clustering algorithm. Use IRIS data to evaluate performance of the algorithm.

Compare your results with that of the in-built function.

(2) Implement Agglomerative clustering algorithm. Use IRIS data to evaluate performance of the algorithm.

Compare your results with that of the in-built function.