BIL476 - Project Proposal

Description:

This paper presents a k-means clustering approach for classifying and shows how the traditional k-means clustering algorithm can be modified to be used as a classifier algorithm. The proposed model comprises particle swarm optimization (PSO) with the traditional k-means algorithm to provide the requirements of a classifier. Also it combines cuckoo-search based evolutionary algorithm with some centroid-calculation heuristics.

Tools:

- Java
- NetBeans 8.1 IDE
- Eclipse
- Weka

Team Members:

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Gant Chart:

- Reading Articles About The Topic For Researching - 5 Days
- Data Cleaning And Analyzing - 3 Days
- Preparing Progress Report - 3 Days
- Improving Algorithms - 7 Days
- Implementing The Code - 14 Days
- Testing - 3 Days
- Preparing Final Report - 3 Days