Abstract

Cluster is grouping object which has a similar characteristic and has a specific type. Nowadays clustering technique has implemented in many aspect such in biologys , climate , pharmacy , etc. There are many clustering techniques such as Hierarchical clustering, Partitioning Clustering, Density based Clustering.

Clustering Technique that writer use in this paper is density based clustering with specified in DBSCAN (Density Based Spatial Clustering Application with Noise). DBSCAN is one of density based clustering technique which has characteristics, they are can handle noise , can handle data with various type, doesn't make a complete clustering, suitable for high density data.

Flood is one of problem that not yet to be solve, the parameters of flood that we could count numerical are rain density, temperatures , and air pressure in particular month. DBSCAN could show the pattern of flood in Bandung City and the area around it (South Bandung). The pattern that shown here are the month with possibility of flood and the parameters.

Keywords: cluster, DBSCAN, flood.