ABSTRACT

Computerize era have opened knowledge and new paradigm in course of decision making and information spreading. In Indonesia, at this time, Geographical Information System (GIS) have been recognized widely as a means of assist for decision making. With existence GIS, user can be visualized and analyse a study area of pursuant to certain location element of geographi, for example in determining relationship, pattern, tendency at database of troubled traffic accident location.

Classsification is one part of data mining which often be used to determine rule and pattern what emerge from database of Geographical Information System. Technique in Classification method is a systematic approach to determine classification model from a group of data.

Intention of this final assignment is to implemented and analyse some classification method, that is : Decission Tree, Rule Based Classifier, and Naive Bayessian to be applied at database of Geographical Information System to increase prediction result in the case of location determinated which the troubled traffic accident as basic in decission making furthermore.

Keywords :   Classification Analysis, Decission Tree, Rule Based Classifier, Naive Bayessian, Geographic Information System (GIS)