

ABSTRACT

Bandung for the one past year, according to the Pola Kejahatan 2019 datas from the Bandung Police Reskrim, states that the crime rate is increasing every day. The city of Bandung also has various kinds of including General Crimes, Counterfeit Money and Documents, Certain Crimes, Economic Crimes, Curanmor Crimes and forgery of vehicle documents, Narcotics and Psychotropic Violence which are widely need Sat Sabhara Unit or Bhayangkara Unit to solve every problem needed on everyday.

Decision Support System using the Artificial Neural Network can be used to help make decisions on the prevention of criminal cases that are the duties of Sat Sabhara Polrestabes Bandung by building applications that can help the Sabhara Sat recommendation by the system as consideration decision making Sat Sabhara in the prevention of criminal cases.

The decision Support System is able to provide answers to the questions asked and to enrich a number of decision predictions from the insights used as decision recommendation with accuracy 91.67%, precision 100% and F1 score 80% show satisfactory results and with a proven Decision Support System on Sat Sabhara Polrestabes Bandung able to help identify the insight and make it a recommendation decision to pecegahan efforts efficiently and guided.

Keywords : Artificial Neural Network, Decision Support System, Sat Sabhara Polrestabes Bandung.