Data analysis and evaluation (anev) East Java Police show that crime rate in 2011 reached 24,709 cases. If made in the form of an increase in the percentage reached 50% for East Java. The number of crimes that occur are caused by various factors both in terms of social, economic, and political. Problems of high rates of crime, was born of a solution to lower the crime rate by using a model that can lower the crime rate. Therefore in this thesis will be a model that illustrates how the rate of crime is happening now. Furthermore, the model will be done skenariosasi to lower crime rates.

In this regard, the selection method of dynamic systems is expected to conduct a comprehensive study of the conditions and measures that can be done to lower the crime rate. The reason is the availability of a dynamic system chosen framework for the aspect of causality, non-linearity, endogenous dynamics and behavior of the system.

Results from simulations that have been built, is known from internal and external factors that the most influence a person's criminal act is earned income, amounting to 89%. The second factor affecting the occurrence of criminal activity is employment opportunities, in this case the percentage of unemployment which
reach score 9%. While the contribution of education and environmental influences is the cause of the smallest among the other factors in the amount of 5% to the level of education and 2% to environmental influences.

**Keywords:** Crime, Model Simulation, Dynamic Systems, Scenario Simulation