**INTRODUCTION**

Crime has become a major thread imposed which is considered to grow relatively high in intensity. An action stated is said to be a crime, when it violates the rule, against the government laws and it is highly offensive. The crime pattern analysis requires a study in the different aspects of criminology and also in indicating patterns. The Government has to spend a lot of time and work to imply technology to govern some of these criminal activities. Hence, use of machine learning techniques and its records is required to predict the crime type and patterns. It imposes the uses of existing crime data and predicts the crime type and its occurrence bases on the location and time. Researchers undergone many studies that helps in analysing the crime patterns along with their relations in a specific location. Some of the hotspots analysed has become easier way of classifying the crime patterns. This leads to assist the officials to resolve them faster. This approach uses a dataset obtained from Kaggle open source based on various factors along with the time and space where it occurs over a certain period of time. We implied a classification algorithm that helps in locating the type of crime and hotspots of the criminal actions that takes place on the certain time and day. In this proposed one to impose a machine learning algorithms to find the matching criminal patterns along with the assist of its category with the given temporal and spatial data.