

Analysis of Cybercrime using Machine Learning

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Abstract: *In today's world security is an aspect which is given higher priority by all political and government worldwide and aiming to reduce crime incidence. Cybercrime is criminal activity that either targets or uses a computer, a computer network or a networked device. Cyber Crime is technology-based crime committed by technocrats. This paper deals with Variants of cyber-crime. As data mining is the appropriate field to apply on high volume cybercrime dataset and knowledge gained from data mining approaches will be useful. Data mining k-Means algorithm is used for clustering. In k-means clustering, we are given a set of n data points in d -dimensional space R^d and an integer k and the problem is to determine a set of k points in R^d , called centres, so as to minimize the mean squared distance from each data point to its nearest centre.*

Keywords: Cybercrime, k-Means algorithm, clustering

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