Drug abuser's analysis

Drug abuse is a public health problem in the world. Its use can lead to drug addiction, illness, and death. So many people have been injected with the drug, of which several are infected with HIV and several others are infected with hepatitis C. Hence, it is important to detect these issues as soon as possible. To this end, drug addiction analysis systems will be of greater benefit to society. Youngster are the asset for future. It is important to find whether a person is addicted or not, or he/she use legal or illegal drugs, which type of drugs are consumed more etc. Number of features are associated with initial drug use including psychological, social, individual, environmental, and economic factors. These features are related to several factors like personality traits. This project aims to develop a Machine Learning Project called "Drug Abusers Analysis" to detect drug users last consumption time using Random Forest (RF) based on personality features, including personality traits. A number of classification methods can be employed like Random Forest, Decision tree, Support Vector Machine, K-Nearest Neighbors and the most effective classifier can be selected for each drug. Each set of data in the dataset contains huge volume of information. It also aims to find out the youngsters who are addicted to drugs and thus give them an opportunity to correct their mistake so that they could lead a better life, thus develop a much better society