CRIME ANALYSIS AND INTRUSION DETECTION

Project Diary

08/04/2022

→ Topic Selection

→ Feasibility Study

16/04/2022

→Abstract submission

→Reference papers:

28/04/2022

→Project topic approval

03/05/2022

→First scrum meeting

Activities:

→Existing System

→Proposed System

→Workflow diagram

→ **Existing System:**

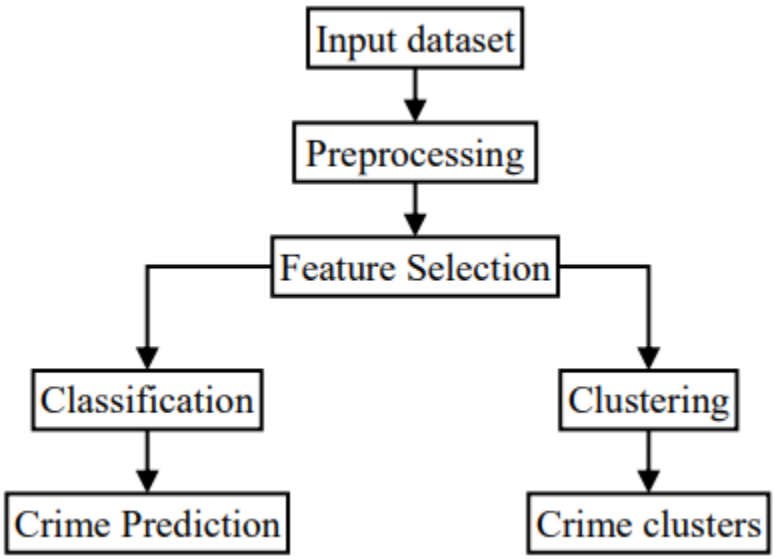
- Crime has been increasing day by day and everyone in the world is trying to figure out how to manage the crime rate and to work on certain cases, most of the people are trying to store the data for future reference.
- There are different types of crimes law enforcement levels, such as traffic violations, sex crime, theft, violent crime, arson, gang/drug offenses, cybercrime.
- Crime zones can be identified by occurrence of crime, by using hotspots.
- The data mining tool helps in reducing the crime rate drastically.
- Different crime data mining techniques are proposed among each of

them including entity extraction, clustering techniques.

→ **Proposed System:**

- Crime Mapping helps in understanding the concepts and practice of Crime Analysis in assisting police and helps in reduction and prevention of crimes and crime disorders using data mining tools.
- We can use data mining tools involved using ANN (Artificial Neural Networks) and KDD (Knowledge Discovery in Databases).
- We collect the data from police department and try to get each and every detail, like the person's name, height, age, sex, fingerprint details, and pattern identification number for similar types of cases.
- Once we get the information, we start to process the data. We get a lot of unnecessary data along with the required data.

→ **Work Flow Diagram:**



08/05/2022

→ 2nd Scrum Meeting

→ Interface Design Completed

10/05/2022

→Implementation started

20/05/2022

→ 3rd Scrum Meeting
→ Frontend completed

30/05/2022

→ Collect the datasets from kaggle.
→ Train the datasets
→ Backend development started

1/06/2022

→4th Scrum meeting
→ Backend created
→ Start to train the datasets

10/06/2022

→ Build the model and testings are done
→ Save the model

15/06/2022

→Testing Completed
→Final execution of the project

25/06/2022

→Completion of commits in Github