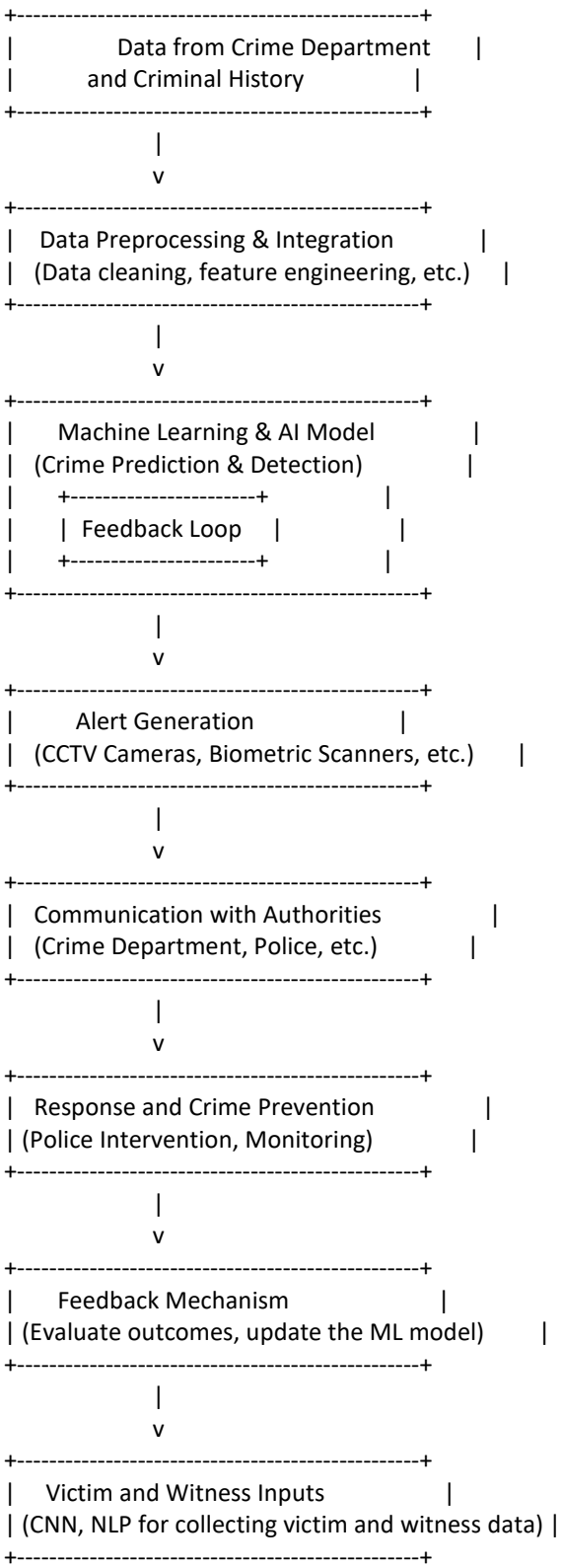
Project Design Phase

Crime is a threat for any nation, directly or indirectly it stops the growth and development of the nation. At present we have only two solutions we have to stop the crime before the crime scene or cops have to be catch him with the help of proofs to stop the future crimes done by him.In this situation we are analyzing the data from the crime department, and crime history of criminals we can predict the next crime scenes, with the help of AI & ML we can find the criminal, already governments are spending lots of public money in this fields, now days governments are installing a cc-cameras in every crime hot spots.with help of AI when ever a criminal falls to the cameras eye, it gives a alert notification to the crime department and nearest police stations gives them a alert. We have to keep finger print scanner and iris in every airport, when a criminal goes through these scanners if it is matches with the criminal records in a server gives a alert message with the help of these techniques we can stop a crime. If we don't know the face of criminal, we can take comments with the help of victims and witness given information we can find a criminal, through "CNN" and also with the help of "Natural Language Processing", "prompt engineering".Data preprocessing also helps in raw data is converted into a understanding way.

Architecture



How Data Flows?

The Crime Department is the repository for past crime statistics, criminal histories, and other pertinent data.

Preprocessing and Integration of Data: Unprocessed data is cleaned, processed, and combined into an analysis-ready state. Data transformations and feature engineering are applicable.

Machine Learning & AI Model: The merged data is analyzed using ML and AI algorithms. The detection and prediction of crimes are handled by this model. A "Feedback Loop" is included to help enhance the model.

Alert Generation: The AI model generates alerts when it anticipates a possible crime or identifies a criminal. This element consists of biometric scanners at locations such as airports and CCTV cameras in high-crime areas.

Alerts are forwarded to the relevant authorities, such as the local police, the criminal department, or other.