

S.No	Problem Statement ID	Problem Statement Name	Domain
5	CT-AICS - 01	Cyber Crime Case Classification	AI Cyber Sec

Description :

Development of an NLP Model to guide citizens in filing cybercrime reports on the National Cyber Crime Reporting Portal (NCRP) correctly through a real time analysis of the description and incident supporting media files uploaded by the citizen.

Objectives :

To develop an NLP model that categorizes fraud based on victim descriptions, focusing on improving model accuracy.

Outputs :

Text Preprocessing : Tokenization, stop word removal, stemming, and text cleaning to prepare data.

Model Development : Selection of a suitable NLP model (e.g., Logistic Regression, LSTM, or BERT) for multi-class fraud categorization.

Accuracy Measurement : Evaluate the model based on metrics such as accuracy, precision, recall, and F1-score.

Result :

Participants will deliver a working NLP model with an emphasis on achieving the highest possible accuracy