

Project Design Phase-I
Proposed Solution Template

Date	06 May 2023
Team ID	NM2023TMID18455
Project Name	CrimeVision: Advanced Crime Classification with Deep Learning

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Defines the challenges and objectives of crime classification using deep learning. It should address issues related to the accuracy, efficiency, and subjectivity of traditional crime classification methods.
2.	Idea / Solution description	Outlines the proposed solution using deep learning techniques for crime classification. It should explain how the deep learning models will be trained, what features or data will be used for classification, and how the models will be evaluated and optimized.
3.	Novelty / Uniqueness	Highlight the unique aspects or innovations of the proposed solution. Emphasize any novel techniques or approaches that differentiate the solution from existing methods of crime classification.
4.	Social Impact / Customer Satisfaction	Discuss the potential social impact of accurate crime classification using deep learning. Address how the solution can contribute to improved crime prevention, resource allocation, and victim support. Additionally, consider the satisfaction of the customer (police officers or detectives) by meeting their needs for more effective crime classification.
5.	Business Model (Revenue Model)	Describe the business model associated with the implementation of the crime classification solution. Consider aspects such as licensing the solution to law enforcement agencies, providing consultation or customization services. Discuss the potential revenue streams and monetization strategies.
6.	Scalability of the Solution	Evaluate the scalability of the proposed solution. Consider factors such as the ability to handle large volumes of data, the efficiency of training and inference processes, and the adaptability of the solution to different crime types or regions. Discuss any potential limitations and scalability challenges.