



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT

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Department of Artificial Intelligence and Machine learning

VERDICT AI

**“AI SYSTEM FOR LEGAL VIOLATION PREDICTION, SENTENCING, AND
CRIME ANALYSIS”**

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OBJECTIVES:

- 1.LEGAL VIOLATION PREDICTION**
- 2.SENTENCING PREDICTION**
- 3.CRIME SCENE ANALYSIS**
- 4.DECISION SUPPORT FOR LEGAL EXPERTS**
- 5.LEGAL GUIDANCE FOR INDIVIDUALS**

DEPLOYMENT:

STEPS:

1. DATA PREPROCESSING:

- **CLEAN AND PREPROCESS THE CRIME DESCRIPTIONS.**
- **TOKENIZE AND VECTORIZE THE TEXT DATA.**

2. MODEL TRAINING:

- **USE THE OFFENSE DESCRIPTIONS AS INPUT TO TRAIN THE MODEL.**
- **THE TARGET OUTPUT WILL BE THE CORRESPONDING IPC SECTION.**

3. MODEL SELECTION:

- **USE AN APPROPRIATE TEXT CLASSIFICATION MODEL, SUCH AS NAIVE BAYES OR LOGISTIC REGRESSION.**

4. EVALUATION:

- **SPLIT THE DATA INTO TRAINING AND TEST SETS.**
- **EVALUATE MODEL PERFORMANCE USING METRICS LIKE ACCURACY**



**THANK
YOU !!**