

Team Members

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Proposal

Overview

Overall, objective is to provide help to judges to make the decisions with reference to the previous cases and their decisions and help them to categories the case.

Goal

Generate verdict for jury with reference to previous cases and classify the case category.

Objectives – How to achieve the goal

- First step is to clean the data
- Transform the data
- Building Model
- Make predictions or generate the text

Dataset Description

We have dataset already available on Kaggle which contains the features including Cases description, decision made on cases, and category of the cases.

Research Papers

[JUSTICE: A Benchmark Dataset for Supreme Court's Judgment Prediction | Papers With Code](#)

[A Survey on Legal Judgment Prediction: Datasets, Metrics, Models and Challenges | Papers With Code](#)

[The survey: Text generation models in deep learning - ScienceDirect](#)

ML Model and Techniques:

BERT (Bidirectional Encoder Representations from Transformers) - developed by Google, BERT is a language model that can perform various text generation tasks such as question answering, text classification, and more.

Software, tools, system architecture and components anticipated:

A website as we did in DSP course.

References:

[Supreme Court Judgment Prediction | Kaggle](#)