Model Development Phase

Date	July 2024
Team ID	740096
Project Title	The Language Of Youtube: A Text Classification Approach To Video Descriptions
Maximum Marks	5 Marks

Feature Selection Report

In the forthcoming update, each feature will be accompanied by a brief description. Users will indicate whether it's selected or not, providing reasoning for their decision. This process will streamline decision-making and enhance transparency in feature selection.

Feature	Description	Selected (Yes/No)	Reasoning
Named Entity Recognition (NER)	Identifies and classifies entities in the text (persons, locations, organizations, etc.).	Yes	Helps in understanding the subject matter and context.
Category of the Video	The genre or category assigned to the video (e.g., Education, Entertainment, Music).	Yes	Provides context and relevance to the content.
Word Embeddings	Dense vector representations of words trained on large corpora (e.g., Word2Vec, GloVe, FastText).	Yes	Encodes semantic meaning and relationships between words

YouTube API	Retrieve information about YouTube videos, channels, playlists, and comments..	Yes	Fetch video metadata for analysis, such as text classification of video descriptions