PROJECT REPORT

FAKE NEWS PREDICTION

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APPROACH

- ***Data Cleaning:*** Removed stopwords, lemmatized (e.g., using nltk.stem.WordNetLemmatizer).
- ***Model:*** Compared Naïve Bayes, Random Forest, and LSTM (state which performed best).
- ***Deployment:*** Used Flask for web app

CHALLENGES FACED:

The main issue was to increase model performance using stop words,lemmatization and many pre processing techniques for this .

TECHNIQUES AND IMPROVEMENTS:

- Use LSTM techniques and discard inappropriate words or characters
- Use matplotlib visualizations to check behaviour of model relationships