Writing a Project Narrative

Project Title: Fake News Detection

Project Summary and Overall Approach:

A fake news prediction project aims to identify and flag false or misleading information that is spread through various forms of media. The project involves collecting and analyzing data from social media platforms, news websites, and other sources to identify patterns and characteristics that are associated with fake news. The use of machine learning algorithms and natural language processing techniques can help to automate the process of identifying false information.

Building a fake news prediction system that can differentiate between real and fake news. User type the news which he/she wants to detect and model returns either 0 or 1 if model return 0 means news is real else return 1 if news is fake. Uses a dataset 'Fake News' to train the model, the system is trained on a dataset of labeled real and fake news articles. Use ML Logistic Regression Model to train the data. Before training we need to pre-process the data which includes cleaning of data, stemming and vectorizer. Then split data into train and test data and after training check the accuracy score on both train and test data.

The end goal of this project is to help prevent the spread of fake news and improve the overall accuracy and trustworthiness of the information that is disseminated to the public.