

In this digital world, people rely highly on social platforms for communication and exchange of information which is accessible by public easily and here comes the problem where this information can be fake and mislead the original news. Statistics show that there are approximately 5.6 billion active Internet users worldwide as of January 2023 and it's even more now [1]. In this paper we are going to discuss on detecting the misleading news based on world politics. As the misleading information of politics not only causes economic damage but also increase social threats.

Here a website is created that is trained by a pre-trained model BERT, which can read the given information in both the directions and increase the prediction of misleading news, and the model here used is llama which is an AI that integrates the information to BERT model. Therefore it is domineering to develop automated misleading news detection systems that detect misleading content effectively. But this model uses a labelled dataset which have separation of Genuine and Misleading news data in it which makes easy to detect the news that is given from the dataset. For example, in 2013, \$130 billion in stock value was wiped out in several minutes due to the AP tweet about an “explosion” that injured Barack Obama, such statements are given to BERT model from the dataset which reads and predicts the news is misleading or genuine on addition to that LLM (LLaMA) will add the explanation for the given statement [2].

Key contributions of the work are as follows:

- Labelled dataset with a pre-trained BERT model is used for accurate binary classification, identifying 0 as misleading news and 1 as true news.
- LLM (LLaMA): It uses an API to integrate the data into model and helps in explaining the statement with appropriate proofs.
- Interactive web interface built using Streamlit to input news headlines and display real time misinformation/genuine predictions with explanations.