PHASE 1 - FAKE NEWS DETECTION USING NLP

PROBLEM STATEMENT:

* In this part you will need to understand the problem statement and create a document on what have you understood and how will you proceed ahead with solving the problem.

* Please think on a design and present in form of a document

PROBLEM SOLVING USING AI TECHNOLOGY:

* The problem is to develop a fake news detection model using a Kaggle dataset.

* The goal is to distinguish between genuine and fake news articles based on their titles and text.

* This project involves using natural language processing (NLP) techniques to preprocess the text data, building a machine learning model for classification, and evaluating the model's performance.

PUBLIC AWARENESS AND EDUCATION:

* Fake news detection is a major challenging problem in Natural language processing(NLP).

* The increasing number of social media platform and user .

* Through these electronic media, The fake news are also increasing exponentially .

* The increasing reliance of more people on electronic media for their daily news has opened doors for malicious people to spread fake news .

DISASTER RESPONSE:

* In this section, some challenges and open issues for automatic online fake news detection are discussed, along with some promising research directions in this area.

* Finally, we present how to build an effective online fake news detection ecosystem.

RESEARCH AND SCIENTIFIC DISCOVERY:

* In fake news detection, when we use a model to assist a user make predictions on the trustworthiness of a webpage, the trust of the user in the model affects the user's judgment on the webpage.

* Ultimately, no matter how good the model is at predicting fake news, the user will judge whether to believe or not what is written in the news article.

* The user's trust is usually low when the user does not understand the model, or the model behaves like a black-box.

* The undesired black-box model problem has developed into a grow