NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY

AN AUTONOMOUS INSTITUTION, AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM,
APPROVED BY AICTE & GOVT.OF KARNATAKA

PRODUCT DEVELOPMENT LAB PROJECT SYNOPSIS

ON

FAKE NEWS DETECTION SYSTEM

Submitted in partial fulfilment of the requirement for the award of Degree of

Bachelor of Engineering

in

Computer Science and Engineering

Submitted by:

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FAKE NEWS DETECTION SYSTEM

PROJECT OVERVIEW

This project helps us to detect the fake news using Naive Bayes classification from a given set of data. Here the data is divided into test dataset and train dataset and the train dataset is divided into groups of similar information. Test data is later matched with these groups and accuracy is found using Naive Bayes classifier. It helps in knowing whether the given news is fake or real. It provides maximum accuracy and helps to determine the fake news.

Keywords—Machine Learning, Fake News Classification, Probability.

OBJECTIVE

The news information can be easily accessed through the Internet and social media. It is convenient for users to follow their interest events available in online mode. Mass-media playing a huge role in influencing the society and as it is common, some people try to take advantage of it. Sometimes mass media modulate the information in their own way to reach their goal. There are many websites which provide false information. They consciously try to bring out propaganda, hoaxes and misinformation under the guise of being authentic news. Their primary purpose is to manipulate the information that can make the public believe in it. There are lots of examples of such websites all over the world. Therefore, fake news affects the minds of the people. According to study Scientist believe that many artificial intelligence algorithms can help in exposing the false news. This is because artificial intelligence is now a days becoming very popular, and many devices are available to check it partially. In this the deep learning and machine learning concepts are used to detect the fake new using naïve Bayes classifier. The data set is loaded for which the news is to be classified and then the data is to be split as test and train data and pipelining is to be done to detect the accuracy. As the fake news is increasing day by day the people are not believing even if the news is real and these drifts the thoughts of the common people from the real issue. Here we are trying to use machine learning algorithms to detect fake news.

Tools and Technologies

- jupyter notebook/ anaconda
- ML Techniques