

Ai Enterprise Project

Detecting fake news in online news media

Group Members

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Objective

Our project is a Webpage Plug-in that works on an Ai based detection model for finding fake news, spam message from daily news provided by the user or online newsmedia.

A system which provides user to feed news directly in a text box or provide site link to the news source or social media to verify the reality of it.

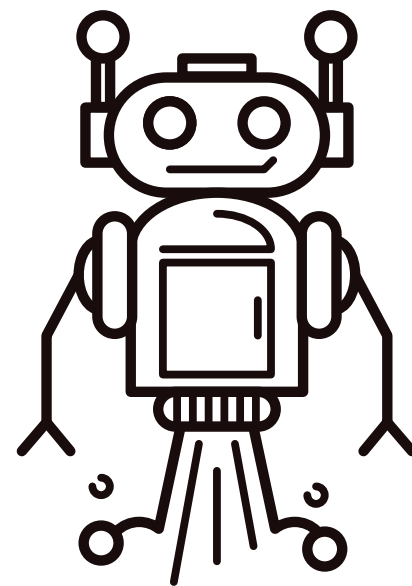
The model will focus on fake news that refers to information content that is false, misleading or whose source cannot be verified.

All the user given data to the detector will be further saved to use in order to update the statue of model, data analysis in future.



AI Model

Our Model may combine machine learning, through Naïve Bayes, Support Vector Machine(SVM), and Natural Language Processing (NLP) to detect fake news. Naïve Bayes and Support Vector Machine are classification models in this process.



Although we will try to tackle the existing challenge of treating fake news detection as a binary classification task. We will make an attempt on contextualizing the text data.

Dataset

We will analyse the fake news.csv (17903 rows) & true news.csv (20826 rows) datasets which we have retrieved from an open source site online.

Each of the two dataset contains collection of newsfeed of the relevant news style with following columns

News Article- Holds News headlines,

News Type- Which sector the news belong to

& Date- Stating when the news was published on the resource site.

Training & Testing our AI model on the following two news dataset will help us achieve our goal.



Timeplan

Data Analysis & EDA - 17th March

**Model Improvisation & Deployment
-30th March**

**Model Aproach & Research -20th
March**

Report - 4th April

Model Construction - 23rd March

Final Product - 6th April

Testing & Training - 26th March

Thank you!