

Fake News Detector

Shooting Stars Foundation IBM Z Datathon

Team 57

The Decision Trees

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Project Logo



Aim- To detect fake news

Input

A piece of text (paragraph, statement, etc.)

Output

Fake / Real

Inspiration

We see that many fake news result in political,religious and social wars among people. Such fake news are a result of political agendas, unethical activities or religious extremists.

Also during this pandemic time, we felt that rumors like false death reports and fake number of cases disrupted a common man's peace. Fake news also results in daily life mishaps which might cost us time, efforts and money.

In order to deal with these fake news, we have developed a model which can easily detect fake news. This detection would help us know the accurate and factual news.

Challenges we faced

Our team is always eager to implement innovative ideas. We had to find accurate and valid datasets for our ML model which was a tedious task. We also managed to come up a common solution, but all of us had different implementation ideas.

Finally we came up with the best and feasible solution which not only solved our problem statement but also helped us in learning IBM Z and ML concepts.

Example

Try the model for yourself!

Run the below code to get a text box. In the textbox enter the news you heard, and our predictor will tell you if the news is fake or real

```
In [89]: text=input("Enter the news you want to check: ")  
print("The news you entered is "+ predict(text))
```

Enter the news you want to check: Trump budget opens new fight among Republicans
The news you entered is FAKE

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