

PRESNTATION ON

FAKE NEWS DETECTION

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What is Fake News Detection?



Fake News Detection is a tool or platform that detect information content that is false, misleading or whose source cannot be verified. This content may be generated to intentionally damage reputations, deceive, or to gain attention.

Misinformation presents a huge challenge in online society. As a result, there have been many attempts to identify and classify misinformation. Specifically, in social networking sites, blogs, as well as online newspapers.



How we can identify Fake News?



- **Manual Fake News Detection:** Manual fake news detection often involves all the techniques and procedures a person can use to verify the news. But, the amount of data generated online daily is overwhelming.
- **Automated Fake News Detection:** Automated detection systems provide value in terms of automation and scalability. There are various techniques and approaches implemented in fake news detection research.



How our platform/tool look like?

jupyter Fake_news_detection Last Checkpoint: 2 minutes ago (unsaved changes)

File Edit View Insert Cell Kernel Widgets Help

Logout Not Trusted Python 3

Run Markdown



Importing required library

Here I am going to importing some of the required library. If extra library is required to install it will be install later on.

```
In [1]: import pandas as pd
import numpy as np
import seaborn as sns
import matplotlib.pyplot as plt
from sklearn.model_selection import train_test_split
from sklearn.metrics import accuracy_score
from sklearn.metrics import classification_report
import re
import string
```

Which compiler/ Environment we've used and why?

JUPYTER NOTEBOOK

(OPEN SOURCE WEB BASED INTERACTIVE ENVIRONMENT)

The Jupyter Notebook is an open-source web application that allows you to create and share documents that contain live code, equations, visualizations and narrative text. Uses include: data cleaning and transformation, numerical simulation, statistical modeling, data visualization, machine learning, and much more.

Why?

Advantages:

- All in one place
- Easy to share
- Language independent
- Interactive code

THANK
YOU