Pinal Mistry

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Project 4

Carleton BootCamp

Machine Learning Project: Fake News Detector

The age of information has allowed for the mass proliferation of information through the decentralization of media outlets. Now thanks to social media platforms such as youtube, Instagam, facebook, etc people can consume content at an incredibly fast rate. This has left people exposed to false articles that are not necessarily reviewed for their content validity. As a solution we propose to create a Fake News detector tool that allows the user to filter articles to assure what they are consuming comes from a verified source.

We will be using the following dataset: (<https://www.kaggle.com/datasets/rajatkumar30/fake-news>).

To help us with our project we will be using PySpark, Python Pandas, Matplotlib, Tensorflow.