Finding Fake News Shashini Peiris

Advisor: Dr. Craig Ramsay

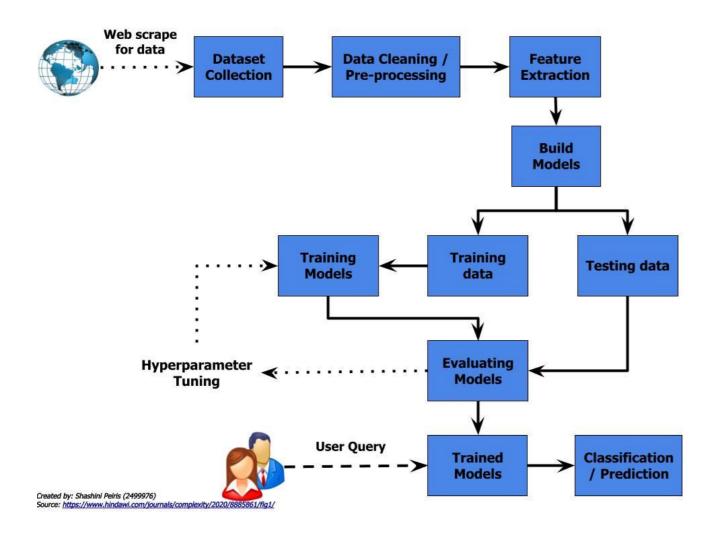
The fake news term originally refers to false and often sensationalist information disseminated under the guise of relevant news.

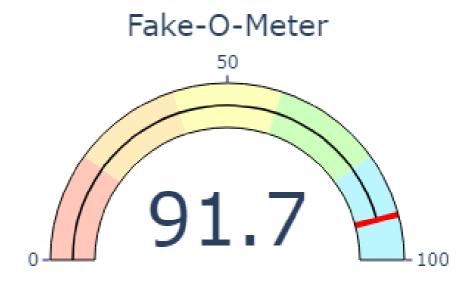
How to detect fake news:

- False information in it
- Writing style of the article
- Propagation pattern of articles
- Credibility of its source

Approaches

- 1. Language approach
- 2. Topic-agnostic approach
- 3. Machine learning approach
- 4. Knowledge-based approach
- 5. Hybrid approach



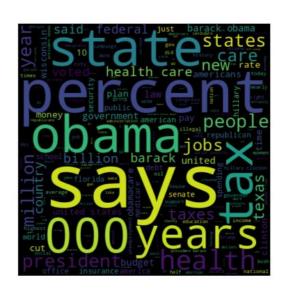


Feature Extraction

- Tfidf Vectorizer
- Count Vectorizer

Classifiers

- 1. Naïve Bayes
- 2. Logistic Regression
- 3. SVM
- 4. SGD
- 5. Random Forest
- 6. Passive Aggressive





Computing
MSc Projects 2023