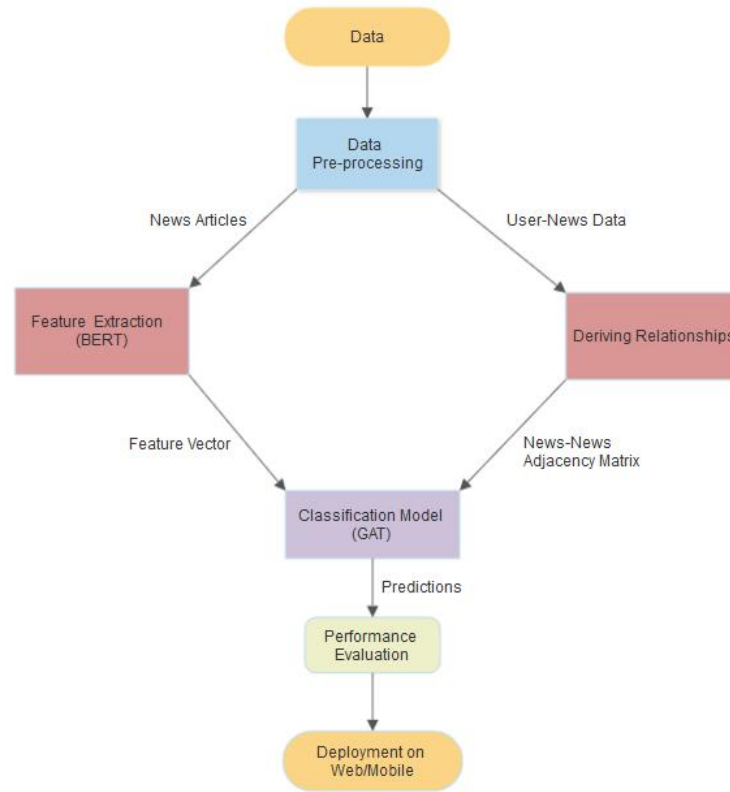# Fake News Detection

Abstract:

In recent times Information distributed through non-orthodox sources such as social media, blogs, and instant messaging groups has certainly acquired a lot of interest. One of the main sources of news content that people depend on nowadays is social media. Due to the release of a new data source, there are a set of problems associated with it. The rise of social media as a news source has the issue of generation and widespread of fake information especially during this pandemic COVID-19.People not only share hate news targeting some section of the society but also share faulty information about the treatment and medicines to heal this disease. This constitutes a threat not only specific to a platform in which the fake content is published but also to the Internet as a source of medium for communicating faulty information about COVID-19 and creating more problems to corona warriors and common people. In this project, we are trying to develop a solution to identify fake news with respect to COVID-19 that is spread via internet.

Flowchart:

Technology used:

- React-native
- Html
- Css
- Bootstrap
- Google BERT
- Graph Attention Network (GAT)
- Python
- Pandas
- NumPy
- scikit-learn
- Tensorflow
- Flask

Features:

- Easy user friendly interface
- Scalability
- Adaptability
- Efficiency
- Available on multiple platforms