# Setup Instructions for VeriNews AI

## 1. Clone the Repository

git clone https://github.com/saiteja18/DATA\_606\_PROJECT\_GROUP1.git

cd DATA\_606\_PROJECT\_GROUP1

## 2. (Optional) Create and Activate a Virtual Environment

# Windows

python -m venv venv

venv\Scripts\activate

# macOS/Linux

python3 -m venv venv

source venv/bin/activate

## 3. Download Required Model Weights and Data

Important: The BERT model weights (fakenews\_bert\_weights.pt) and required cleaned datasets are stored in a shared Google Drive folder.

1. Visit the shared Google Drive link

2. Download the file `fakenews\_bert\_weights.pt`.

3. Place the file in the same folder as `verinews\_app.py`.

## 4. Run the Application

# Use the Streamlit runner notebook to launch the application

streamlit run Modeling\_Python\_Scripts/streamlit\_news\_classification\_abstractive\_text\_summarization\_runner.ipynb

# This notebook will load the main Streamlit interface from `verinews\_app.py`

# and initialize the pretrained model from the `.pt` file.

## Note

On first run, additional transformer models (BART, DistilBERT) will be downloaded from HuggingFace.Please ensure you have an active internet connection.