| **File/Folder** | **Purpose** |
| --- | --- |
| data/ | Store datasets (input/output) |
| models/ | Save trained models and vectorizer files |
| src/preprocessing.py | Write your text cleaning functions here |
| src/train\_model.py | Load data, preprocess, vectorize, train, and save model |
| src/predict.py | Function to load model/vectorizer and classify new input |
| app/streamlit\_app.py | UI for users to paste text and see result (optional) |
| requirements.txt | List of libraries to install via pip install -r requirements.txt |
| README.md | Write what the project does, how to run it |