**Installation Steps**

**1️⃣ Clone the Repository**

git clone https://github.com/yourusername/spam-email-detection.git

cd spam-email-detection

**2️⃣ Create a Virtual Environment *(Optional but Recommended)***

# Windows

python -m venv venv

venv\Scripts\activate

# macOS / Linux

python3 -m venv venv

source venv/bin/activate

**3️⃣ Install Dependencies**

pip install -r requirements.txt

**4️⃣ Download NLTK Data *(First Run Only)***

In Python terminal:

import nltk

nltk.download('stopwords')

nltk.download('punkt')

**5️⃣ Prepare Dataset**

* Add your dataset (CSV file) to the project folder.
* Example: spam.csv with columns label (spam/ham) and message (email text).

**6️⃣ Run the Program**

python main.py

⚡ **Now you can input any email text** and get instant classification as **Spam** or **Not Spam**