Spam Detection

Welcome to the Spam Detection project! This application utilizes a Naive Bayes algorithm with TF-IDF vectorization for spam detection. Here's a quick overview of the key files and functionalities:

Project Overview

Objective: Detect spam in emails or messages using a Naive Bayes algorithm.

Files:

- `app.py`: Main Python file for the web application.
- `model.py`: Python script containing the Naive Bayes model and TF-IDF vectorizer.
- `requirements.txt`: List of project dependencies.
- `static/`: Folder for static assets in the web application.
- `templates/`: Folder containing HTML templates for the web app.

Getting Started

1. Clone the repository:

bash git clone https://github.com/vijaytakbhate2002/Spam-detection.git

1. Install dependencies:

bash pip install -r requirements.txt

1. Run the application:

bash python app.py

Open the application in your browser at http://localhost:5000.

Write an email or message in the text box and click on the "Predict" button to detect spam.

Contributing

We welcome contributions! If you have suggestions or improvements, feel free to open an issue or submit a pull request.

License

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