1. **Project Overview**
   1. **Purpose**

This project sets up an auto-email-replier using the help of AI models.

* 1. **Goal**

Using AI, the project aims to create a bot for an email that auto-replies to any emails it receives.

* 1. **Key Features**
* An email to moderate
* A bot that replies back
* AI
* 24/7 hosting

1. **Technologies and Tools Used**

Mainly used Python to have access to various helpful libraries and APIs for AI and bot creation. Such as Gmail and Imap APIs.

Used SQLite, for its ease of use and minimal setup, to store data outside from an Excel sheet.

I need a place to host and use an AI model, I plan to use Llama-2 for the AI model, and Hugging Faces Spaces to host.

1. **Setup and Use**

***Email Setup***

*Gmail providers setup*

1. Go to Google Cloud Console and create a new project.
2. Enable the Gmail API.
3. Set up OAuth 2.0 Credentials.
4. Store the credentials.json file in your project.
5. Use the google-auth and googleapiclient libraries to access Gmail.

*Other email providers setup*

1. Enable IMAP access in your email provider settings.
2. Use Python's built-in imaplib to fetch emails.
3. Use smtplib to send responses.

***Python Project Setup***

1. Download Python
2. Download the project into a directory
3. Run setup.py with command “Python setup.py” through a terminal

*AI Model Setup*

1. **Ethical and Legal Considerations**

A filter on the AI will be needed for assurance to avoid any harmful messages it might send back.

1. **Sample Data**
2. **Code Structure**