Spam Detector

User Documentation

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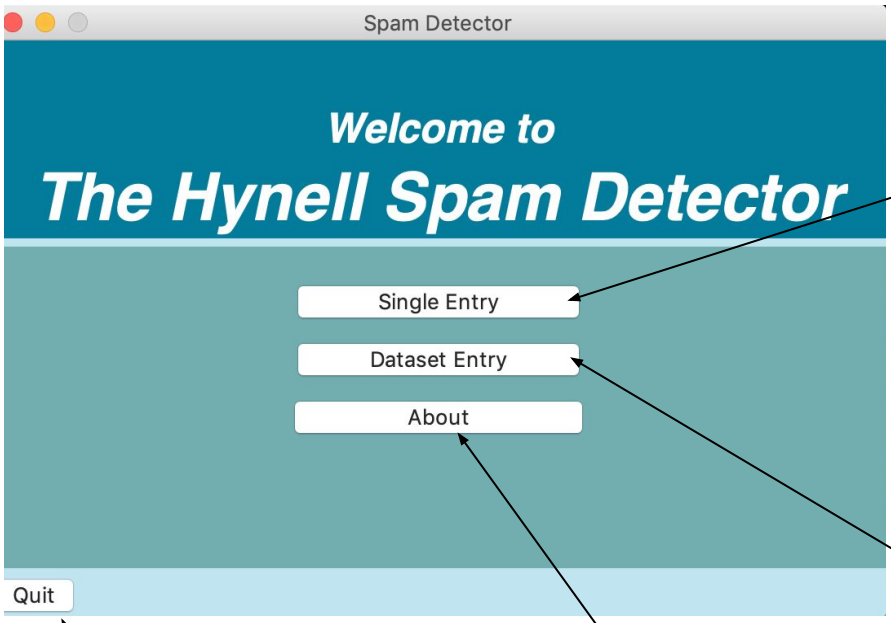
Run the Program:

1. **Type in terminal the following while inside of the SpamDetector directory:**
   $ python3 ui.py

Main Menu:



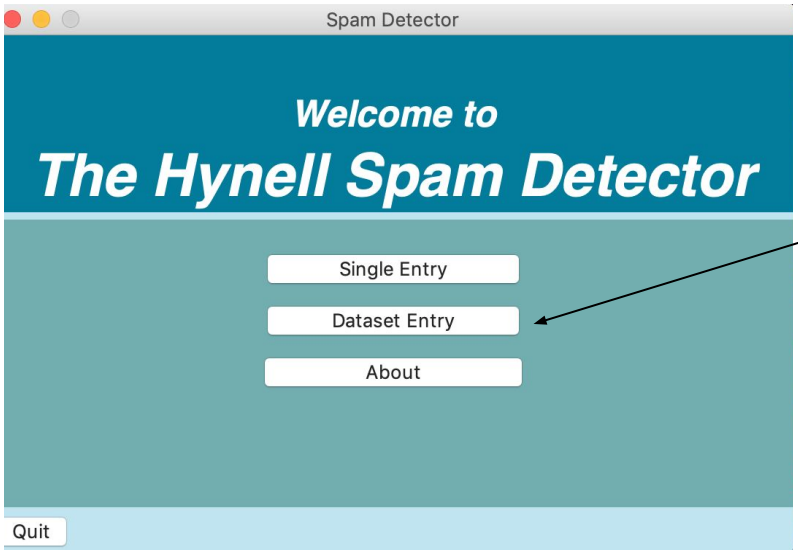
Test a single message for spam. **Note**: If no dataset is specified through "***Dataset Entry,***" default datasets will be used.

Specifies which datasets should be used for training which models.

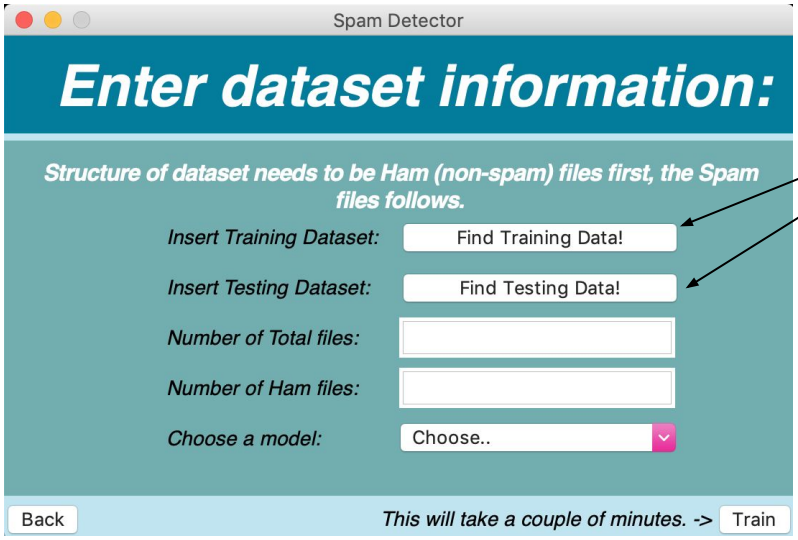
Exits program.

Names the creators of the product and what the purpose of the system is.

Specify Dataset:



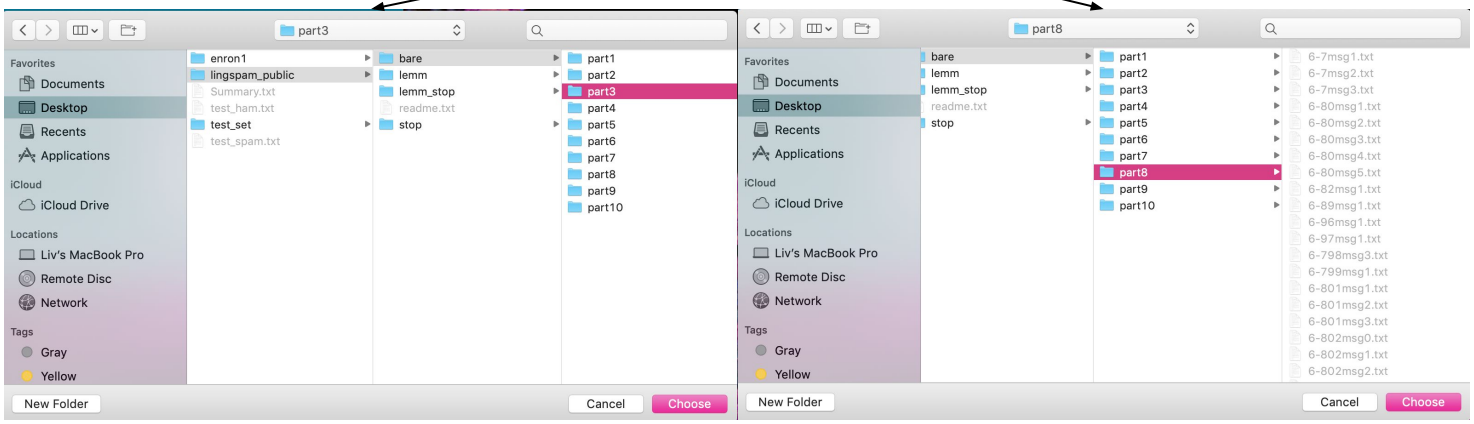
1. Click Here!

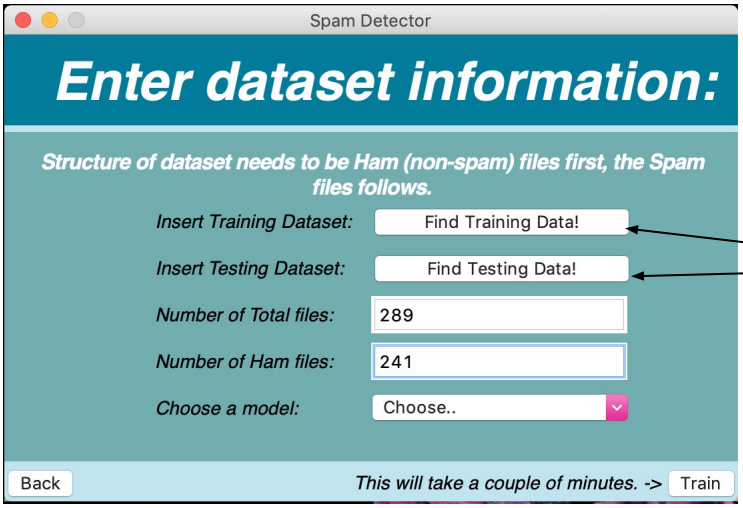


2. Click here to choose specific datasets.

3. Find Training and Testing datasets.

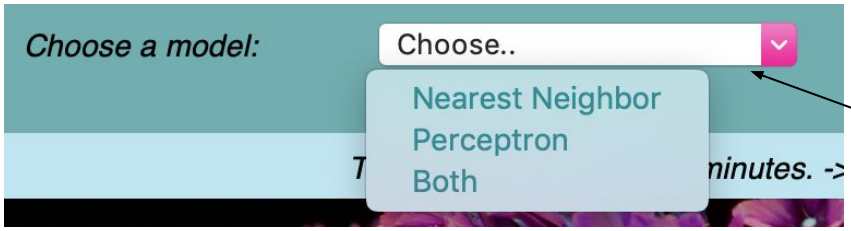
Note: Files in datasets must be .txt files.



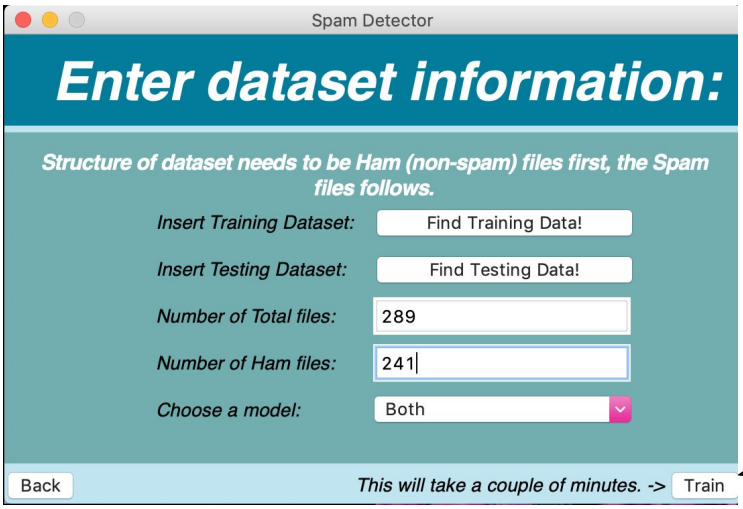


4. Enter the total amount of files and how many of those are not spam.

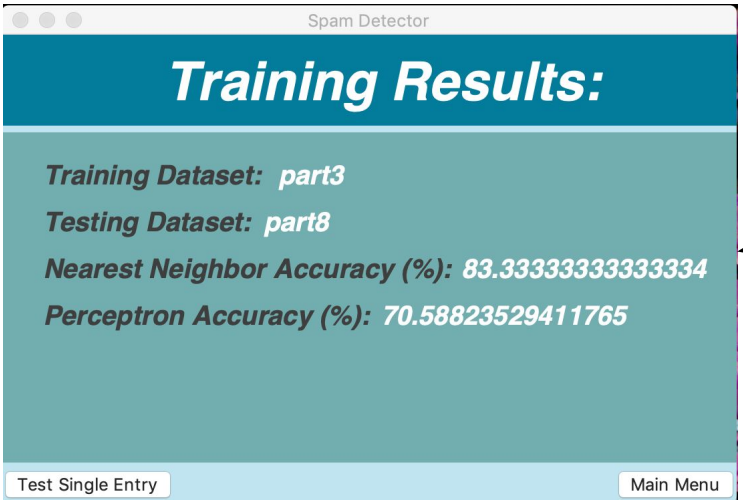
Note: For given test datasets the *Number of Total files* will be 289 and the *Number of Ham files* will be 241.



5. Choose which models to train.

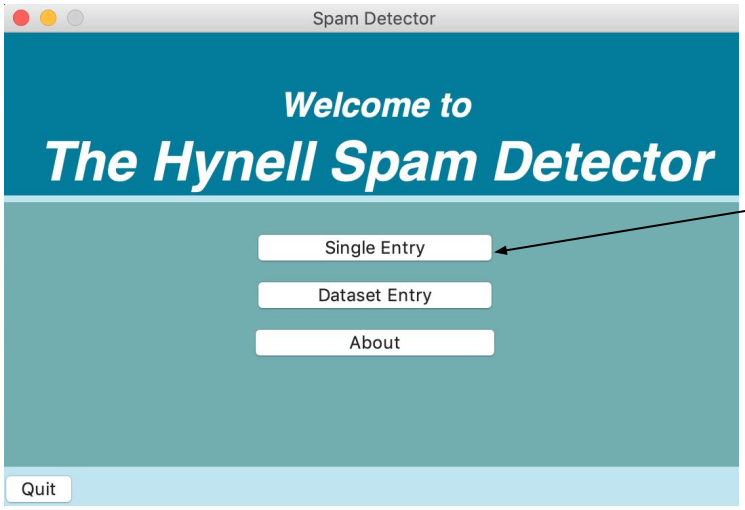


6. Click Train!
Note: This may take a couple of minutes, please don't click any buttons.

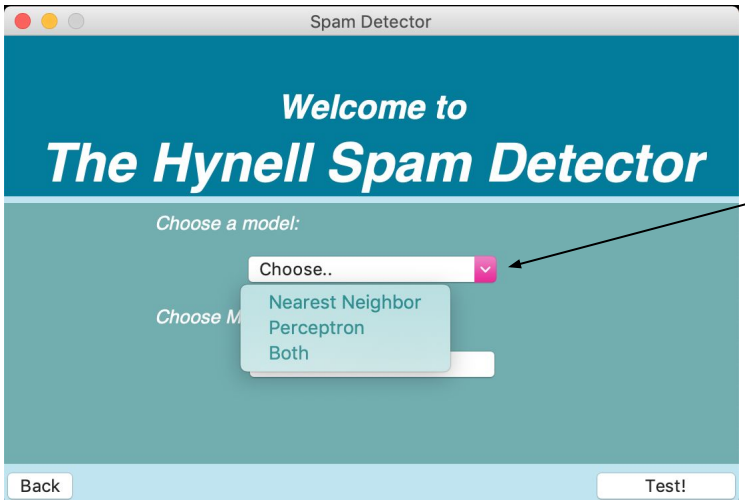


7. Receive Results!
Note: This training will be stored for future Single Entry Testing.

Test a single message for spam:

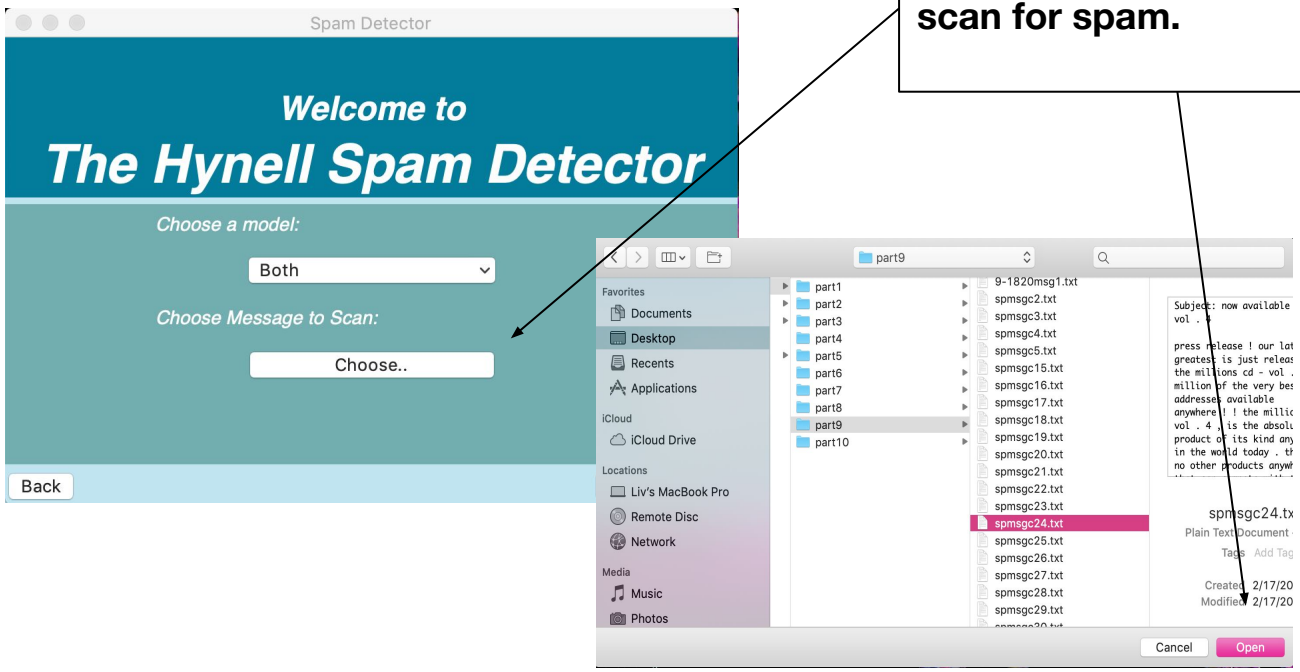


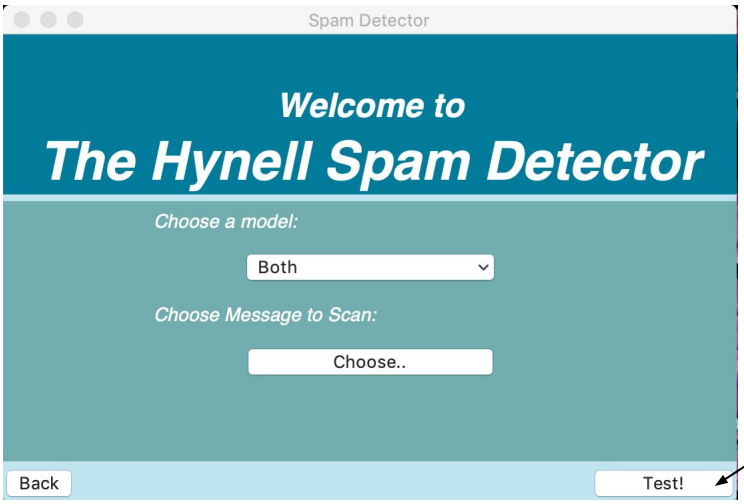
1. Click Here!



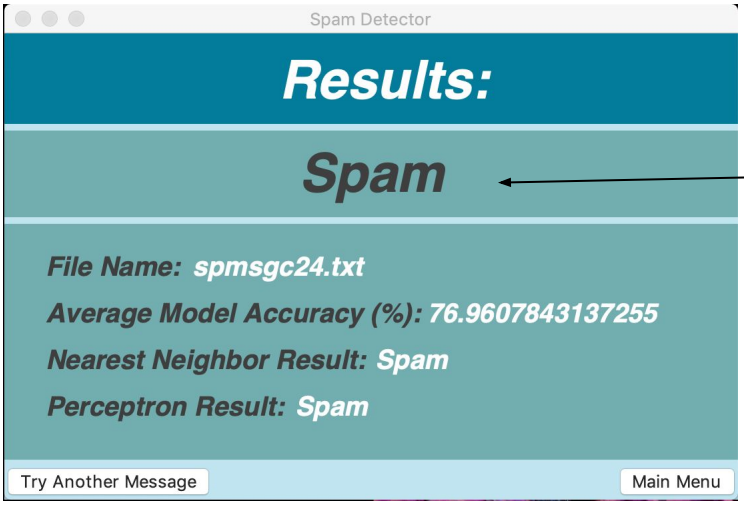
2. Choose which models to test the message with.

3. Choose which .txt file to scan for spam.





4. Click Here to test the message.



5. Receive Results!