User Manual

Detection Tool

Software Testing Group

Phishing Detector – User Guide

1. Using the Tool in Visual Studio Code (Recommended)

Step 1: Open Your Project

1. Open **Visual Studio Code**

2. Go to **File → Open Folder**

3. Select the folder that contains **detector.py**

Step 2: Open the Terminal

- Press **Ctrl + `** (backtick above the Tab key), **OR**

- Go to **Terminal → New Terminal**

Step 3: Install Required Libraries

In the terminal, type:

pip install tldextract validators

Press **Enter**.

Step 4: Add an Email File

1. Save your email as a **.eml** file

2. Place the file inside the same folder as **detector.py**

3. Remember the filename (example: **test.eml**)

Step 5: Run the Detector

Type:

python detector.py

Press **Enter**.

Step 6: Enter the Email File Name

When you see:

Enter path to email file (.eml):

Type the filename, for example: test.eml

Press **Enter**.

Step 7: View the Results

-   The tool will show a **risk score** in the terminal

-   If asked whether to create an HTML report, type: **y**

-   The report will open automatically in your browser

---

2. Using the Tool with Command Prompt (CMD)

Step 1: Open Command Prompt

1. Press **Windows + R**

2. Type **cmd**

3. Press **Enter**

Step 2: Navigate to the Folder

Example:

cd C:\Phishing-detector

(Change this path to your actual folder location.)

Step 3: Install Dependencies

Type:

pip install tldextract validators

Press **Enter**.

Step 4: Run the Tool

Type: python detector.py

Press **Enter**.

Step 5: Provide the Email File

When asked:

Enter path to email file (.eml):

Enter the filename, for example: myemail.eml

Tip:
You can also **drag and drop** the .eml file into the CMD window.

Step 6: View the Results

- Score shows from **0 to 100**

- **Green** = Safe

- **Yellow** = Suspicious

- **Red** = Highly Dangerous

3. How to Download Email Files (.eml)

From Gmail

1. Open the email

2. Click the **three dots** (top-right)

3. Select **Download message**

4. Save the file (it will be **.eml**)

From Outlook

1. Right-click the email

2. Select **Save As**

3. Choose the **.eml** format

4. Save the file to your preferred folder