

Automated Accuracy Testing

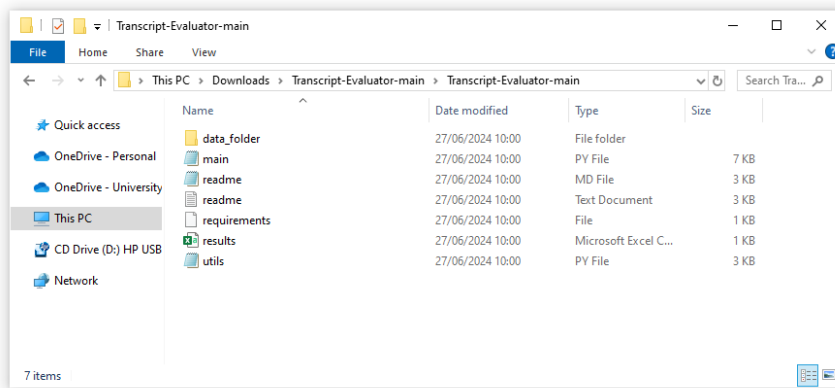
This document outlines how to complete semi-automated accuracy testing using a Python command line tool.

Getting Set Up (installation)

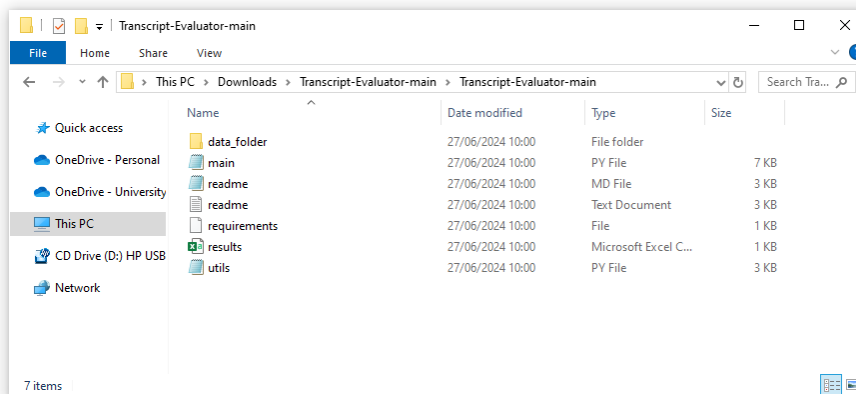
Follow the steps below the first time you run the program.

Downloading program and opening terminal

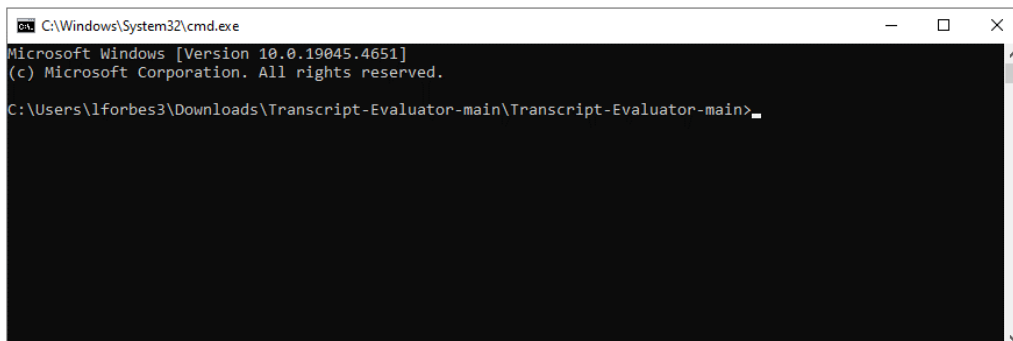
1. Download [the Python program](#) from GitHub by clicking Code > Download Zip.
2. Right-click and unzip the folder and open the files:



3. Click the bar at the top:

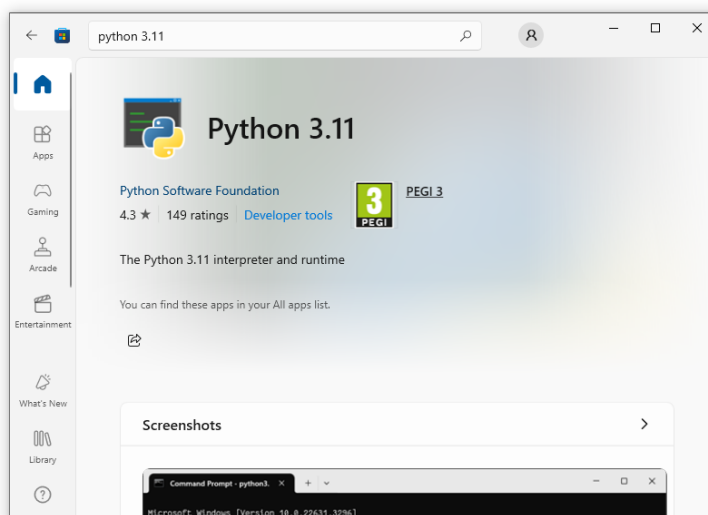


4. Type “cmd” and press enter. Command prompt should open:



Getting correct python version

5. Refer to images at bottom of page for help with this step. In command prompt, type **python --version** and press enter.
 - a. If you see “'python' is not recognized as an internal or external command”, go to step 6.
 - b. If you see “Python [version number]” ...
 - i. If [version number] is 3.9.X, 3.10.X or 3.11.X (X can be anything), go to step 7.
 - ii. If [version number] is anything else, uninstall python completely, then go to step 6.
6. Since Python was not recognised, you need to install it. Open the Microsoft Store, search for ‘Python **3.11**’, install the app (see image below). Go to step 5.



Scenario Examples

```
C:\Windows\System32\cmd.exe

C:\Users\lforbes3\Downloads\Transcript-Evaluator-main\Transcript-Evaluator-main>python --version
'python' is not recognized as an internal or external command,
operable program or batch file.
```

5.a. (go to step 6)

```
Select C:\Windows\System32\cmd.exe

C:\Users\lforbes3\Downloads\Transcript-Evaluator-main\Transcript-Evaluator-main>python --version
Python 3.11.4

C:\Users\lforbes3\Downloads\Transcript-Evaluator-main\Transcript-Evaluator-main>
```

5.b.i. (go to step 7)

```
Select C:\Windows\System32\cmd.exe

C:\Users\lforbes3\Downloads\Transcript-Evaluator-main\Transcript-Evaluator-main>python --version
Python 3.12.2

C:\Users\lforbes3\Downloads\Transcript-Evaluator-main\Transcript-Evaluator-main>
```

5.b.ii. (uninstall Python, go to step 6)

Installing Dependencies (once Python is installed)

- Uninstall NumPy. Run **pip uninstall numpy** and press enter when prompted. Repeat (press up arrow then enter) until you see “WARNING: Skipping numpy as it is not installed.”
- Type **pip install -r requirements** and press enter. If you see “failed to write executable”, repeat this step until it goes away. If it doesn’t, change “pip” to “pip3”.

```
C:\Users\lforbes3\Downloads\Transcript-Evaluator-main\Transcript-Evaluator-main>pip uninstall numpy
WARNING: Skipping numpy as it is not installed.

C:\Users\lforbes3\Downloads\Transcript-Evaluator-main\Transcript-Evaluator-main>pip install -r requirements -q
WARNING: Failed to write executable - trying to use .delete logic
ERROR: Could not install packages due to an OSError: [WinError 2] The system cannot find the file specified: 'C:\Python311\Scripts\ff2py.exe' -> 'C:\Python311\Scripts\ff2py.exe.delete'

[notice] A new release of pip is available: 23.3.2 -> 24.1
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\lforbes3\Downloads\Transcript-Evaluator-main\Transcript-Evaluator-main>pip install -r requirements -q
WARNING: Failed to write executable - trying to use .delete logic
ERROR: Could not install packages due to an OSError: [WinError 2] The system cannot find the file specified: 'C:\Python311\Scripts\j1wer.exe' -> 'C:\Python311\Scripts\j1wer.exe.delete'

[notice] A new release of pip is available: 23.3.2 -> 24.1
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\lforbes3\Downloads\Transcript-Evaluator-main\Transcript-Evaluator-main>pip install -r requirements -q

[notice] A new release of pip is available: 23.3.2 -> 24.1
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\lforbes3\Downloads\Transcript-Evaluator-main\Transcript-Evaluator-main>
```

9. Type `python main.py` and press enter. If you see the following, you're good to go!

```
C:\Windows\System32\cmd.exe

C:\Users\lforbes3\Downloads\Transcript-Evaluator-main\Transcript-Evaluator-main>python main.py
-----
--- Installed correctly! ---
-----

usage: main.py [-h] --data DATA [--services SERVICES [SERVICES ...]] [--numeric]
main.py: error: the following arguments are required: --data/-d

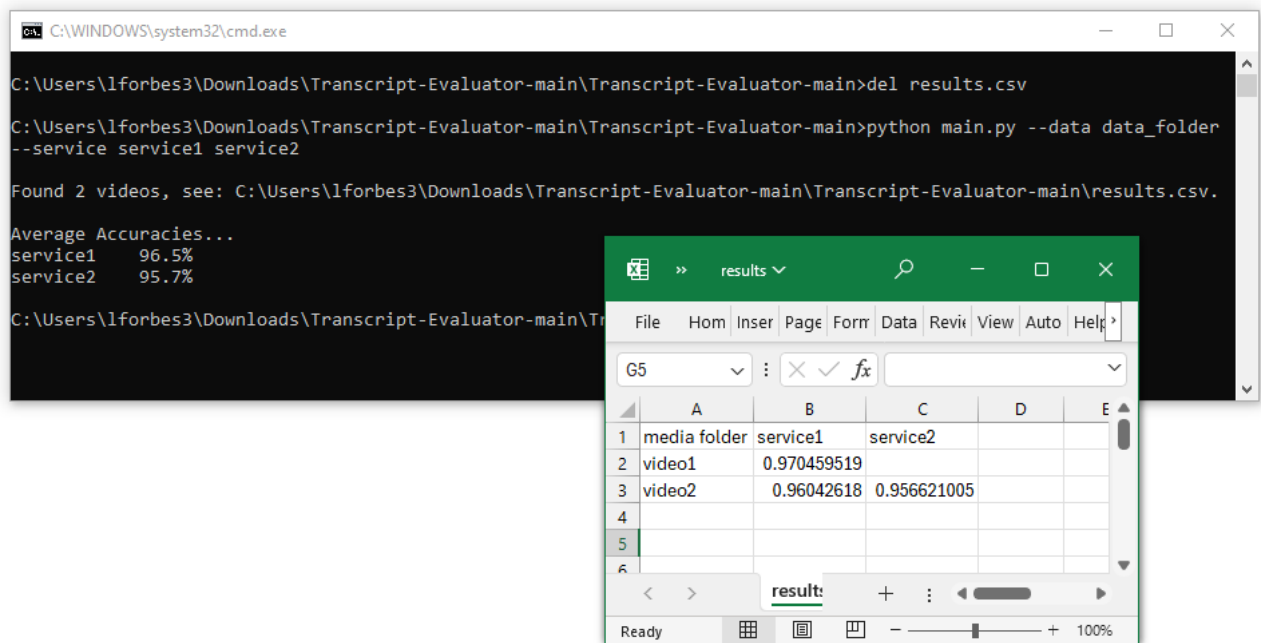
C:\Users\lforbes3\Downloads\Transcript-Evaluator-main\Transcript-Evaluator-main>
```

Installation is now complete!

Running Example Command

Assuming you are at step 8 above, check everything's working as follows.

1. Type **del results.csv** and press enter to delete the current results file. This isn't necessary, but ensures the program is actually doing something.
2. Type **python main.py --data data_folder --services service1 service2** to run the program.
3. Open the newly created results.csv in your Transcript-Evaluator-main folder:



For all usage information, see the [Readme file](#).