

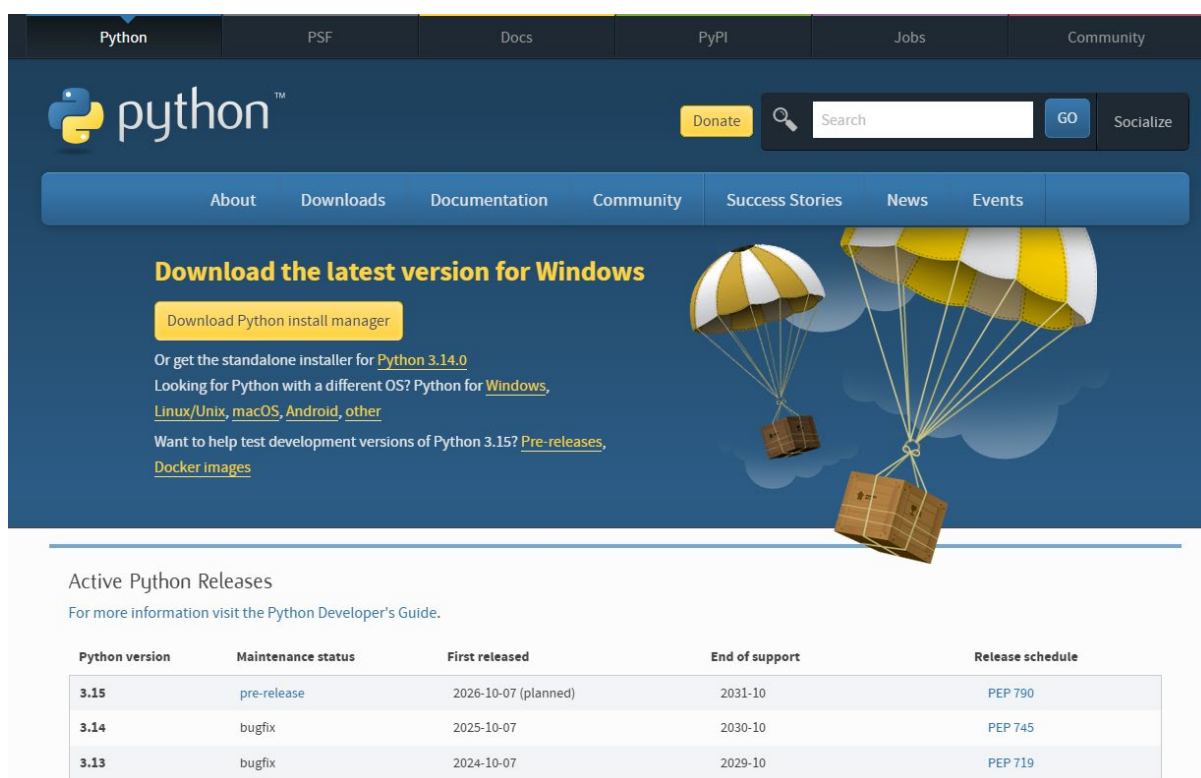
Excel to EAD converter

Part 1

1. Install Python and IDLE

IDLE (Integrated Development and Learning Environment) is the default Python editor that comes with the standard Python installation. Python can be downloaded via the official Python website:

<https://www.python.org/downloads/>



The screenshot shows the Python.org website. The top navigation bar includes links for Python, PSF, Docs, PyPI, Jobs, and Community. Below this is a search bar and a 'Socialize' button. The main content area features a large banner for downloading the latest version for Windows, with a 'Download Python install manager' button. Below the banner, there is a section for 'Active Python Releases' with a link to the 'Python Developer's Guide'. A table lists the active releases, including Python 3.15 (pre-release), 3.14 (bugfix), and 3.13 (bugfix).

Python version	Maintenance status	First released	End of support	Release schedule
3.15	pre-release	2026-10-07 (planned)	2031-10	PEP 790
3.14	bugfix	2025-10-07	2030-10	PEP 745
3.13	bugfix	2024-10-07	2029-10	PEP 719

The scripts were created and run using Python 3.13.5, which was released in June 2025. The latest major release – Python 3.14 – should also be capable of running the script, but the earlier version is still available on the same webpage:

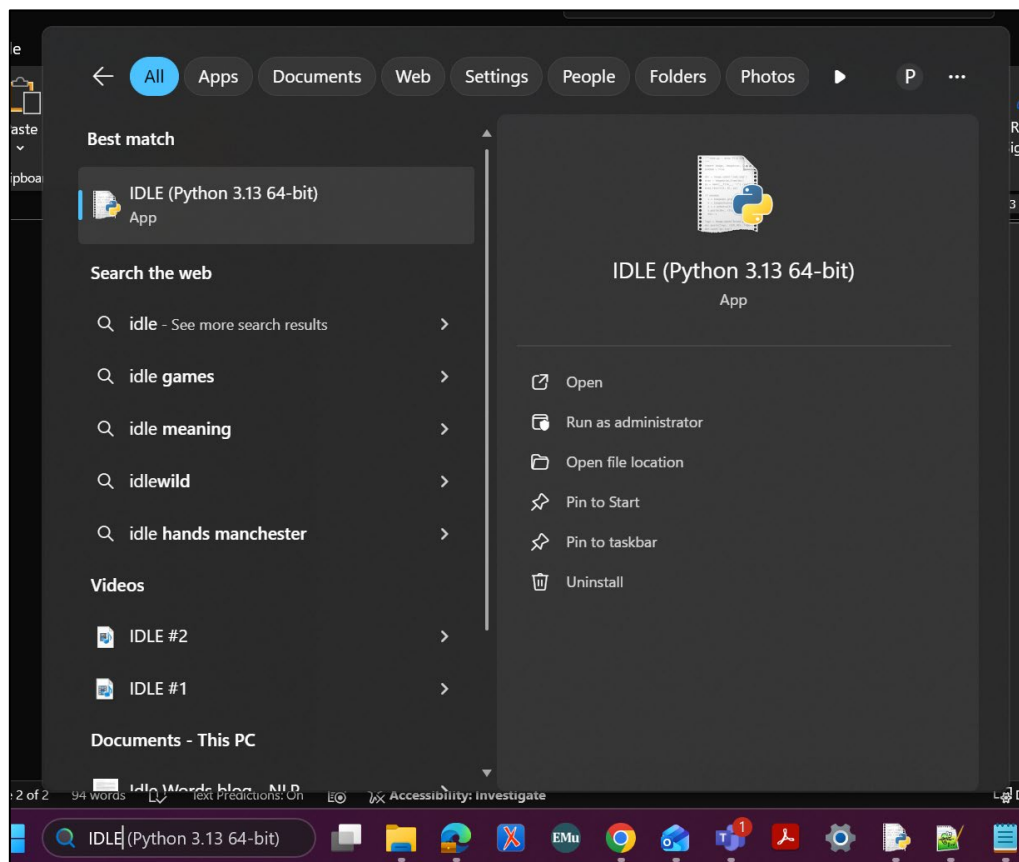
Release version	Release date	Click for more	
Python 3.9.24	Oct. 9, 2025	Download	Release Notes
Python 3.12.12	Oct. 9, 2025	Download	Release Notes
Python 3.14.0	Oct. 7, 2025	Download	Release Notes
Python 3.13.8	Oct. 7, 2025	Download	Release Notes
Python 3.13.7	Aug. 14, 2025	Download	Release Notes
Python 3.13.6	Aug. 6, 2025	Download	Release Notes
Python 3.13.5	June 11, 2025	Download	Release Notes

The download includes:

- Python
- IDLE (Python's built-in editor)
- pip (Python's package manager)

2. Open IDLE

Once installed, click on Start, type IDLE in the search box, and open 'IDLE (Python 3.x. 64-bit)':

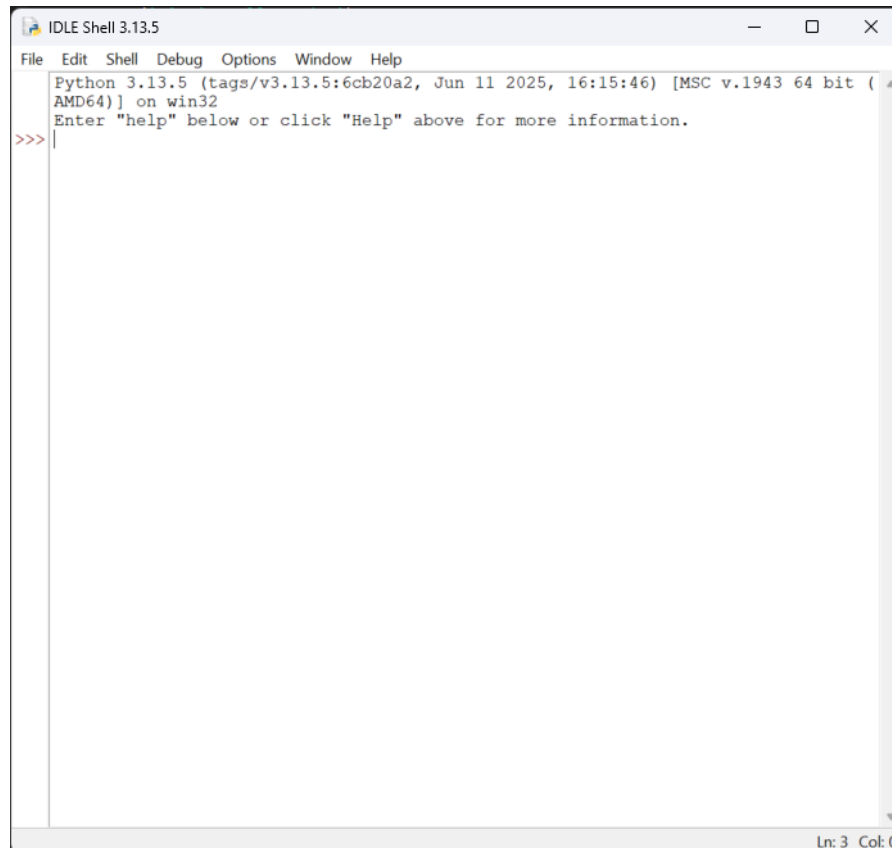


3. Install packages

The Excel to EAD converter scripts require extra libraries to function properly:

- pandas
- lxml
- openpyxl
- natsort

These can be imported via the IDLE shell: this is the interactive environment where you can type Python commands and run scripts. The shell is what you see when IDLE is opened:



Copy and paste the following lines one-by-one into the IDLE shell and press 'Return' after entering each one:

```
import os
os.system('pip install pandas')
os.system('pip install lxml')
os.system('pip install openpyxl')
os.system('pip install natsort')
```

It should look something like this, with each line preceded by three chevrons (these are automatically added):

