

Student Instructions Session 1

I will generally use a combination of Jupyter Notebooks for content, Visual studio code as an editor and uv for managing environments. If you have no idea what this means please search a bit and read what these are.

If you know very well what this means please be patient with me. I am transitioning from Anaconda Jupyter notebooks to VS code and uv to make it more convenient for you but it is not my “go-to” – with older age comes slower adoption of technology :-D

For session 1 please do the following.

Student setup steps

- Install uv: <https://github.com/astral-sh/uv>
- No need to install Python – uv will handle it.
- Install visual studio code
- Download the attachments and put them in a folder (e.g., Session1_Intro_to_Text). Make sure pyproject.toml sit next to the notebooks.
- From within visual code navigate where you stored the files and open the editor folder. Create the environment by typing: `uv sync --python 3.11`
 - This makes .venv locally; no manual activation needed.
- Browse to session_1_exercises.ipynb stored at the same location.
- When you click on a notebook or try to run it you should be able to choose a Kernel. Choose a python Kernel called text-mining-dsdm.