These are all the commands that you need to run on your command prompt

- 1. Write Python in your terminal
- 2. If you have Python, then no need to install it
- 3. uv --version
- 4. If you are not able to get the version
- 5. Pip install uv
- 6. import shutil
- 7. print(shutil.which("uv"))

8.

- 9. 6. Uv init <my-project-name>
- 10. 7. uv pip list

11.

- 12. 8. uv python list
- 13. uv venv env --python cpython-3.10.18-windows-x86_64-none
- 14. uv venv <your-env-namne> --python
 <your-python-version>
- 15. Note: Please use either 3.10, 3.11, or 3.12
- 16. Command Prompt (CMD)

.\<your-env-nanme>\Scripts\activate.bat

- 17. Git Bash ya WSL terminal, or MAC Terminal:
 - a. source <your-env-nanme>/Scripts/activate b.
- 18. If your git is asking for a login to publish the repo, execute the command below

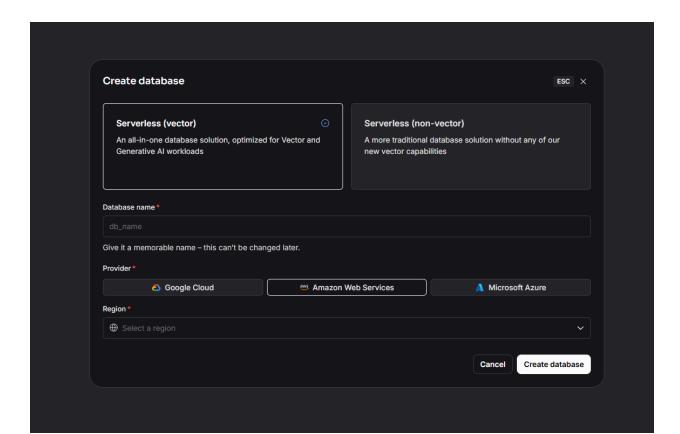
- c. git config --global user.name "Your Name"
- d. git config --global user.email "your-email@example.com"
- 19. UV add <package_name>
- 20. Uv add -r requirements.txt
- 21. Streamlit run < give your streamlit python filename>
- 22. Install the live server extension in VS Code for testing the HTML

For accessing the DataStax, here is a link: https://accounts.datastax.com/session-service/v1/login

Vectordb Comparison:

https://superlinked.com/vector-db-comparison

Once you log in to the DataStax Vector page, you will get the following page



For running the streamlit UI, the command is:

streamlit run <file_path_of_streamlit_python_file>

For installing your prod_assistant as a package use the .toml file

For install the package through the toml file here is a command

Uv pip install -e.

Or mention -e . in th requirements.txt and run the command

uv pip install -r requirements.txt

(NOTE: Same thing we can do with the <u>setup.py</u> file and we have already done it in the previous project)