**Project Start: 8/31/2025**

Setup git, watched a lot of videos to learn about how to set everything up and use it

Git:

* username: ryan\_algier
* Email: [ralgier2811@gmail.com](mailto:ralgier2811@gmail.com)

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**Lots of UV set up and testing**

* Installed UV in powershell:
  + *powershell -ExecutionPolicy ByPass -c "irm https://astral.sh/uv/install.ps1 | iex*
* Initialized project in powershell:
  + *uv init perfect-bracket*
* Test running the main file it created and will automatically create a virtual environment for us:
  + *uv run main.py*
* Add some dependencies:
  + *uv add polars*
  + *uv add numpy matplotlib*
* Add ruff as a tool for linting and formatting
  + *uv tool run ruff*

Pushed to the repo by uploading the files directly to git

Key notes:

* .venv file is within the repo. It is created with some of the UV steps. We do not need to push the venv to the repo ever (in fact we shouldn’t). The toml file that we have will be what we need for that and will be enough for someone to download the project and run it on their machine. (UV sync might just do it all for them in terms of dependencies)

Next time:

* create an SSH
* connect to git hub using the SSH
* practice pushing something to the repo with the SSH