Guide

NOTE: You will need a beefy computer to run this, even if you are just testing.

Minimum Requirements:

- 32 GB RAM
- Nvidia GPU with at least 8 GB VRAM
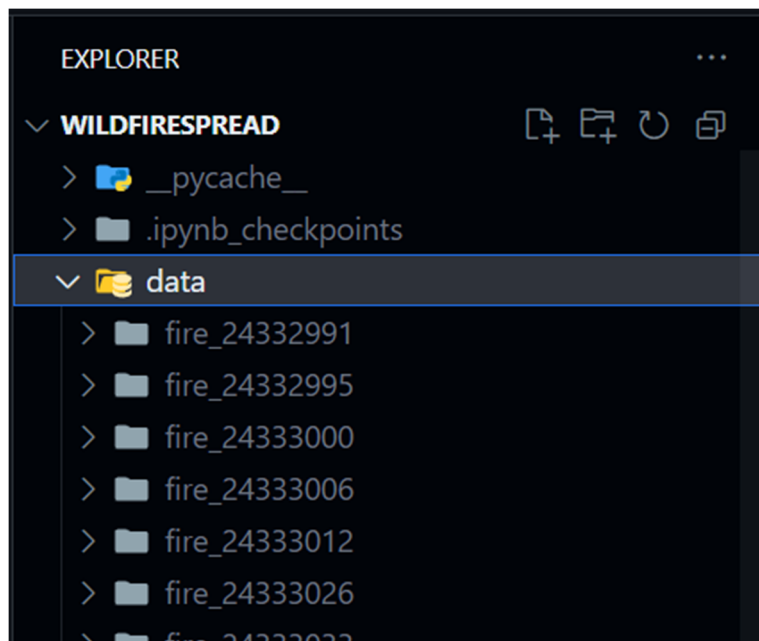- 20GB free space

My PC Specs:

- AMD Ryzen 9 9950X 16 Cores / 32 Threads @ 5.7GHz
- 32 GB DDR5 @ 5600MT/s
- Nvidia RTX 5070 TI – 16 GB VRAM
- Nvme Gen4 SSD

Alternatively, if you do not want to run it, you can see the results in *Prediction Visualizations.pdf* file located in the repo.

After cloning the repo, please download the data.zip dataset from below link and extract it such that the "data" folder is in the root folder of the cloned repo on your computer.

https://drive.google.com/file/d/1yu8ZbiM_27YxGQxMPiTX4Ad1ODRLIS1F/view?usp=sharing

This is how the directories will look like:

Before you run anything, make sure to install the requirements:

pip install -r requirements.txt

Now there are 2 things you can try to test:

1. If you want to see both visualizations and the performance metrics, you need to run Wildfire_Test.ipynb using jupyterlab:

   python -m jupyterlab

2. If you do not want to see visualizations but only the performance metrics, you can run:
   python test.py