I'll be presenting most of today's content in Jupyter Notebooks using the JupyterLab interface which you can learn more about here: https://jupyterlab.readthedocs.io/en/latest/

There are no additional slides for this presentation--everything will be presented via a screenshare of these Jupyter Notebooks running on my computer.

I'll present JupyterLab fundamentals we need for today early in the presentation, but you'll want to take a look at their docs for more details if you decide to use this tool after class.

You can run today's examples in a Zero-Install environment using MyBinder.org: https://mybinder.org/v2/gh/pdeitel/PythonFullThrottle/master?urlpath=lab

The preceding link will load all my course content and configure the software in the cloud. MyBinder can take several minutes to provision an environment depending on the server load.

MyBinder environments are TEMPORARY—if you don't use them for an extended period of time they are deallocated. Keep the link above handy in case you need to relaunch the environment.

If you modify my notebooks and want to save your changes, you'll need to download the notebook. I'll show you how.

For local use, you can download my code and Jupyter Notebooks for today's presentation from https://github.com/pdeitel/PythonFullThrottle

I run Python locally using the Anaconda Python Distribution (currently Python 3.8) from https://www.anaconda.com/distribution/ or…

You also can use Docker with the following command (replace FULL_PATH_TO with the exact location on your system of the PythonFullThrottle folder containing my notebooks) …

```
docker run -p 8888:8888 -it --user root -v
FULL_PATH_TO/PythonFullThrottle:/home/jovyan/work jupyter/scipy-notebook:latest start.sh
jupyter lab
```

You can then open your browser and go to http://localhost:8888/lab to interact with my notebooks on your local system.