

Python Optimization Setup

Summer 2025

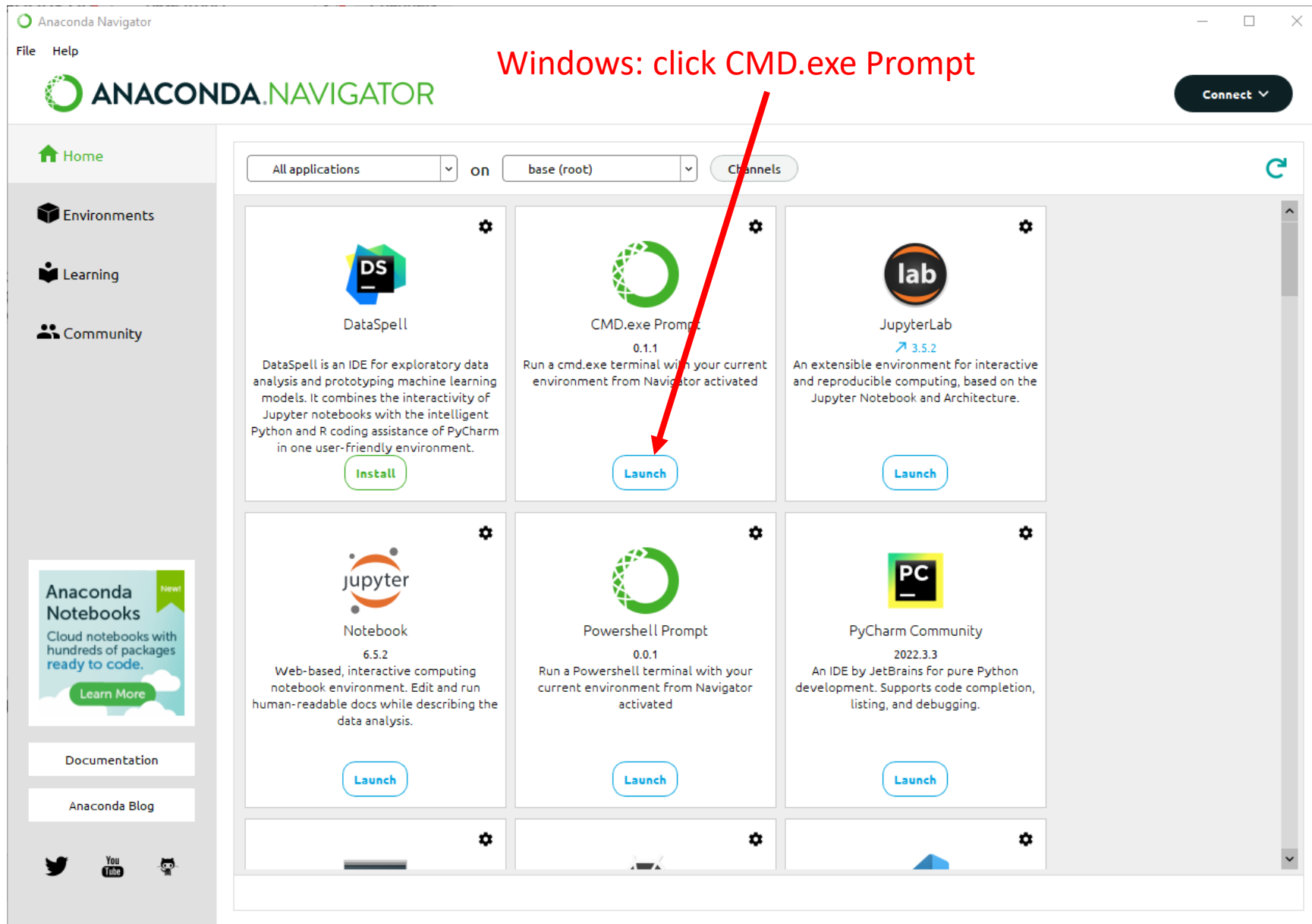
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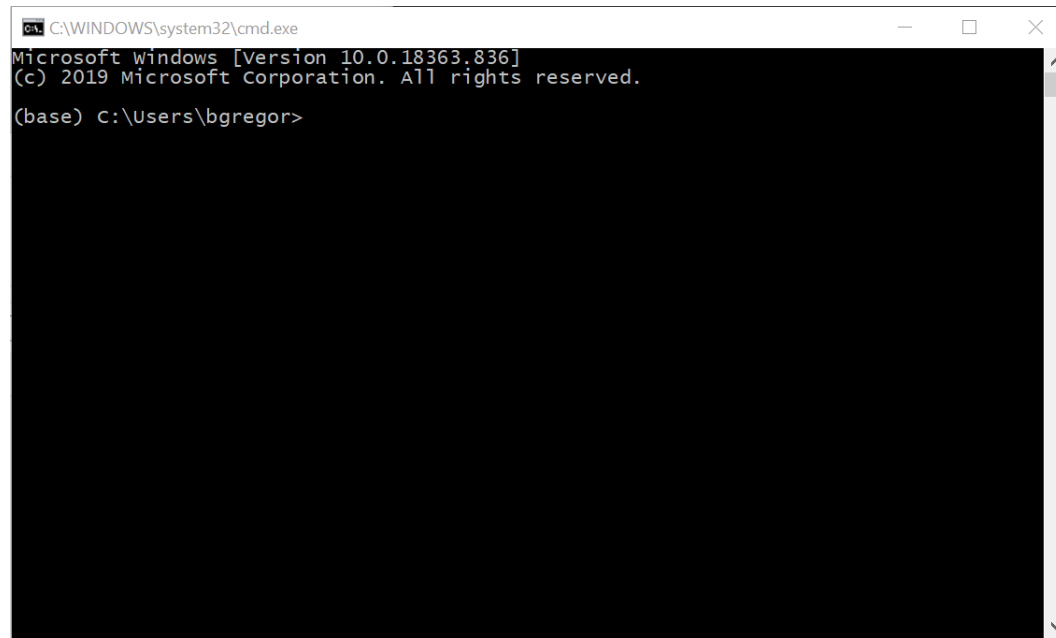
IS & T



Mac: click Terminal Prompt

Windows: click CMD.exe Prompt





Example of the
Windows terminal

In the terminal or command window that opens enter the following commands:

```
conda install -y line_profiler memory_profiler  
pip install scalene
```

This will install some Python libraries that we will use during the tutorial.

If you're using the SCC

- Get yourself a Desktop environment in OnDemand with this module loaded:

python3/3.12.4

- In a terminal you can download the files for the tutorial with:

```
/net/scc1/scratch/setup_py_opt.sh
```

File Download

- Slides and sample code:
- <http://rcs.bu.edu/examples/python/tutorials/PyOpt/>
- Download the file: **py_opt_tutorial.zip**
 - Windows: Right-click, choose Extract All
 - Mac: double-click