Jupyter Notebooks & Basic Data Types in Python
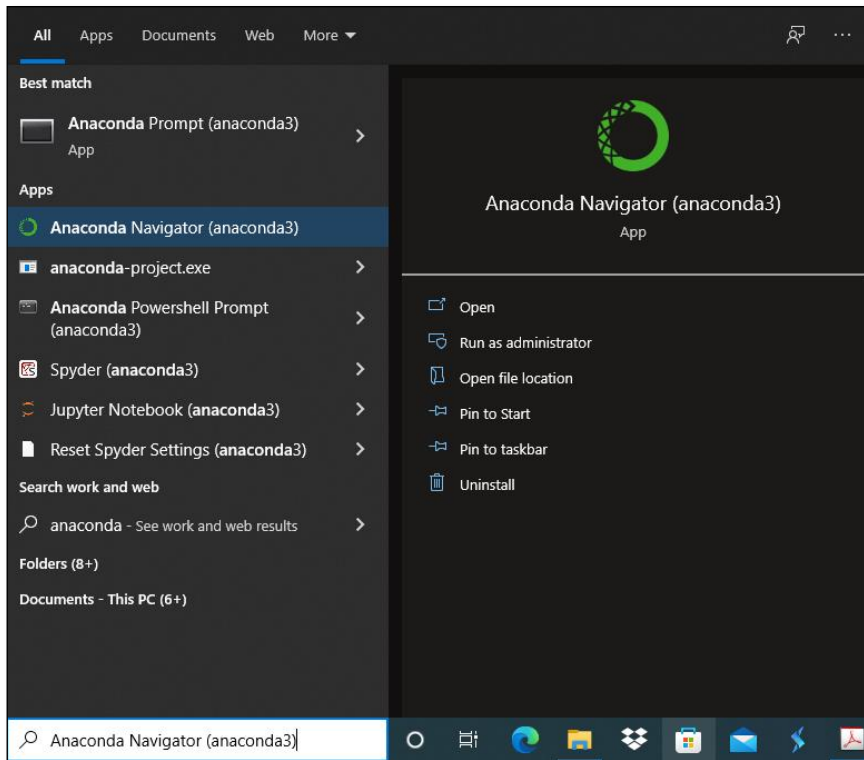
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Anaconda Navigator

- Anaconda Navigator is a desktop graphical user interface (GUI) included in Anaconda® distribution that allows you to launch applications and easily manage conda packages, environments, and channels without using command-line commands.

https://docs.anaconda.com/anaconda/navigator/

- On Windows, the installer will create a Start menu shortcut for Navigator.
- Or from the start menu, search for and open Anaconda prompt and type the command anaconda-navigator

IPython and Jupyter Notebook

- Python Interpreter executes one line at a time
- Script files saved with .py extension can be executed by them calling in Python interpreter
- Python Interpreter can't cater to data analysis and scientific computing
- IPython project was initiated in 2001 to enhance the utility of Python Interpreter
- Additional features in Ipython include tab autocompletion, get help etc.,
- Jupyter Notebook evolved from Ipython web note book
- The Jupyter Notebook is a web application for creating and sharing documents that contain code, visualizations, and text.
  - Language of choice
  - Share notebooks
  - Interactive output
  - Big data integration
- JupyterLab is a web-based interactive development environment for notebooks, code, and data. Its flexible interface allows users to configure and arrange workflows in data science, scientific computing, computational journalism, and machine learning.

https://jupyter.org/

Thank you