A Beginner's Guide - Jupyter Notebook

- Install Jupyter Notebook on Windows
- Quick introduction about Jupyter Notebook

Steps to Launch Jupyter Notebook:
1. Get the latest python version (currently - 3.11.0)
   a. Visit https://www.python.org/downloads/ or Google Search ☺
   b. Identify the latest version compatible with your machine
   c. Download & Install
   d. Note: Check mark on "Add Python X.Y to PATH
2. Locate the "Script" Folder & Pip Install Jupyter
   a. Open "*C Drive > Users > <User Name> > AppData > Local > Programs > Python > PythonXY > Scripts*"
   (Note - AppData folder maybe hidden - In that case, unhide the hidden folders by clicking on "*View Pane > Hidden Items folder*")
   b. Open Command prompt in script folder (Type "cmd" in address bar of script folder)
   c. Run the command - "Pip install jupyter"
3. Open Jupyter Notebook in your folder of choice
   a. Open the command prompt (type "cmd" in the address bar of the folder where you want to open the notebook)
   b. Type "Jupyter Notebook"
4. Open a new Ipython notebook
   a. New > Python 3

Jupyter Notebook is an open-source web application. It has 3 essential components:
1. Live Code
2. Output Section
3. Markdown

Some quick things to do:
1. Rename the Notebook
2. Run your first script: print("Hello World")
3. Import packages
   a. Pandas - pip install pandas
   b. Numpy - pip install numpy
   c. Matplotlib - pip install matplotlib
4. Get an autocomplete feature for your Jupyter Notebook. Hit the tab key while writing the code - the notebook will suggest possible ways to complete your code
   a. pip install jupyter_contrib_nbextensions
   b. jupyter nbextension enable hinterland/hinterland
   c. jupyter nbextension enable hinterland/hinterland

Light Reading & Practice - https://towardsdatascience.com/everything-you-need-to-know-about-jupyter-notebooks-10770719952b

Thank You