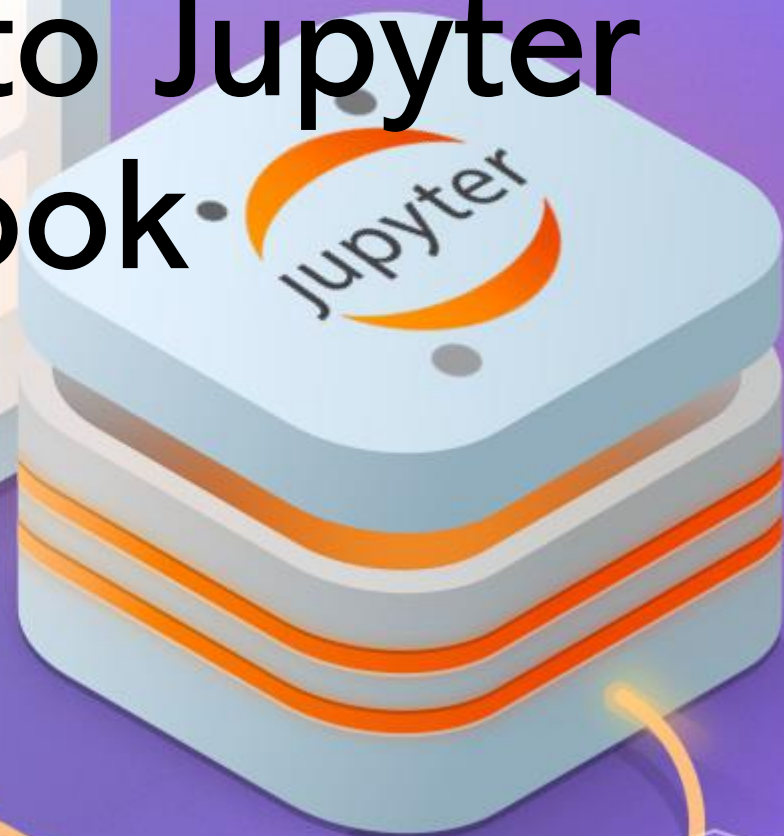


Introduction to Jupyter notebook



What is a Jupyter Notebook?

- ▶ A *Jupyter notebook* is an electronic file that contains both programming code and text descriptions.
- ▶ **Jupyter notebooks** can also contain embedded charts, plots, images, videos, and links. Jupyter notebooks run in a web browser like Firefox or Google Chrome.
- ▶ Although **Jupyter notebooks** can contain the code of many different programming languages, many Jupyter notebooks contain Python code. The Python code in a Jupyter notebook is the same type of Python code found in a *.py* file.

Why Jupyter Notebook?

- ▶ **Jupyter notebooks provide a quick and streamlined way for problem-solvers to prototype code and quickly share code.**
- ▶ **Jupyter notebooks also provide a way for problem-solvers to share programming solutions with team members, supervisors, and customers.**

Opening a Jupyter Notebook

One way problem solvers can write and execute Python code is in Jupyter notebooks. Jupyter notebooks contain Python code, the output that code produces, and markdown cells usually used to explain what the code means.

*On Windows, a Jupyter notebook can be started from the **Anaconda Prompt**, the Windows start menu and **Anaconda Navigator**.*

3 ways to open your jupyter notebook

1

Anaconda
prompt

2

Windows Start
Menu

3

Anaconda
Navigator