

Module 4 Summary

Congratulations! You have completed this module. At this point in the course, you know:

- Jupyter Notebooks are used in Data Science for recording experiments and projects.
- Jupyter Lab is compatible with many files and Data Science languages.
- There are different ways to install and use Jupyter Notebooks.
- How to run, delete, and insert a code cell in Jupyter Notebooks.
- How to run multiple notebooks at the same time.
- How to present a notebook using a combination of Markdown and code cells.
- How to shut down your notebook sessions after you have completed your work on them.
- Jupyter implements a two-process model with a kernel and a client.
- The notebook server is responsible for saving and loading the notebooks.
- The kernel executes the cells of code contained in the Notebook.
- The Jupyter architecture uses the NB convert tool to convert files to other formats.
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- The Anaconda Navigator GUI can launch multiple applications on a local device.
- Jupyter environments in the Anaconda Navigator include JupyterLab and VS Code.
- You can download Jupyter environments separately from the Anaconda Navigator, but they may not be configured properly.
- The Anaconda Navigator GUI can launch multiple applications.
- Additional open-source Jupyter environments include JupyterLab, JupyterLite, VS Code, and Google Colaboratory.
- JupyterLite is a browser-based tool.