

By the end of this module, you should be able to:

Reproducible Research

- ☐ Define reproducible research.
- ☐ Name and describe the four facets of reproducible research.
- ☐ Explain why reproducible research is important for the research community.
- ☐ List three ways that implementing reproducible practices can benefit your own research.

Jupyter Notebooks

- ☐ Name and describe the components of a Jupyter notebook and how they interact.
- ☐ Explain the concept of a Jupyter ecosystem.
- ☐ Create and navigate through a Jupyter notebook containing markdown and code cells.
- ☐ Use tabs and keyboard shortcuts to run cells and format text within cells.
- ☐ Create a markdown cell including headers, lists, embedded code, LaTeX equations, and HTML.
- ☐ List three resources (online or local) you can use as you develop your Jupyter/Python research project.