

jupyter notebooks vs modular programming

linear

all-in-one

copy + paste to re-use code
for small, quick problems

inter-connected

smaller, manageable subtasks

import functions you already wrote
for complex problems or
tasks which need to be repeated

(more or less)
modules separate & independent
executable application puts them together

pre-written modules: math, numpy, pandas, etc
self-written modules: yourmodulename.py

top of code → import numpy
import yourmodulename

create a shorthand

import numpy as np
import yourmodulename as stuff