yaml computational-chemistry pathogen time-series tidy-data dynamical-systems petsc parallel-computing singularity correlation scientific-computing neuroimaging spectroscopy neural-network 2 tda clustering apic-plus-plus data-mining^{parser} nested-sampling ggplot2 parsing spatial coviddata-visua genor -analysis matlab library pipeline pandas ai ensionality—reduction tag day and day research cosmology model database Ogeospatial .≒ matplotlib ecology pytor neuroscience nu math dataviz vtk geophysics **L** chemistry hydrology geometry shiny package ದ genetics workflow finance Sti weather algorithm jupyter parallel mapping computer-vision map \mathcal{M} dataset robust-statistics electrophysiology sequencing algorithms meteorology feature-extraction