forecasting time-series computational-chemistry reproducible-research monte-carlo containers neuroimaging gravitygraphs regression neural-networks nested-sampling biomarkers package science microscopy weather html genetics entific-computingenergy correlation library mathematics materials-science data-mining dataviz optics spectroscopynlp yaml api audio cuda gpu pde tda (1) netcdf bayesian-1 finite-elements genomics research cosmology chemistry bayesian meteorology easystats testing matplotlib neuroscience simulator model dynamical-systems reproducibility matlab text-mining parser finance ap clustering parser geo júpyter pipeline classification geospatial inference spatial—data parallel—computing kernelimage—processing models singularity geometry time—series—analysis computer—vision homology