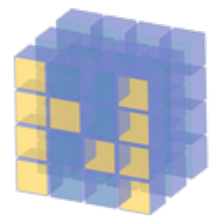




simple, clean language
good C/C++ interface



NumPy

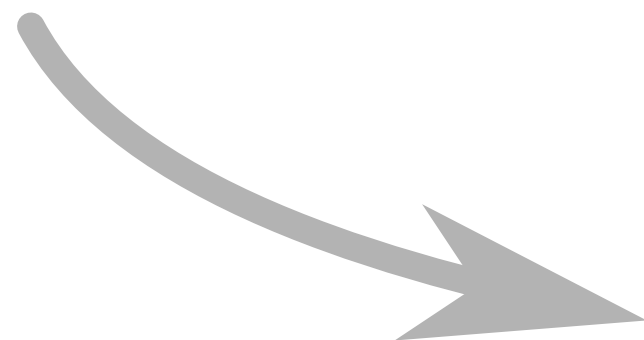
common language for
arrays and raw bytes



pandas

$$y_{it} = \beta' x_{it} + \mu_i + \epsilon_{it}$$

common language for
indexed tables



SciPy

big bag of science
lots of legacy code



unified interface to
machine learning;
scikits for each domain