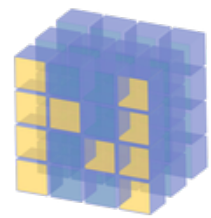




python™

simple, clean language  
good C/C++ interface



NumPy

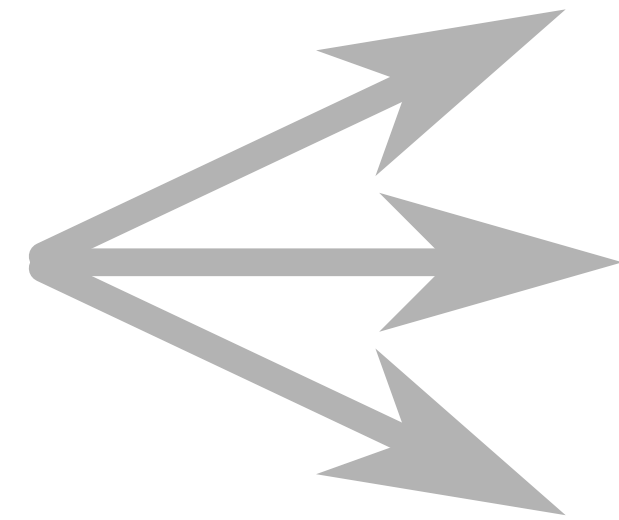
common language for  
arrays and raw bytes



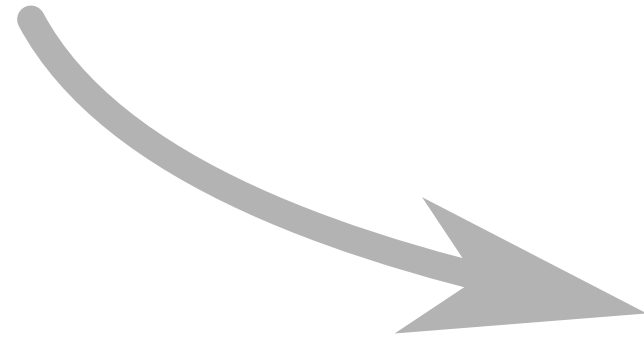
pandas

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

common language for  
indexed tables



lots of  
machine  
learning



SciPy

big bag of science  
lots of legacy code



unified interface to  
machine learning;  
scikits for each domain