jupyter

**notebook-style interface
for interactive work;
web browsers are everywhere**

python™

**simple, clean language
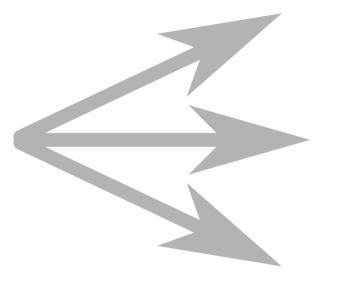good C/C++ interface**

NumPy

**common language for
arrays and raw bytes**

pandas

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

**common language for
indexed tables**

SciPy

**big bag of science
lots of legacy code**

scikit learn

**unified interface to
machine learning;
scikits for each domain**

lots of
machine
learning