THE BACKBONE OF
STATISTICAL ANALYSIS
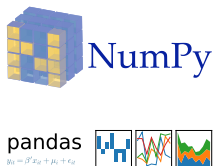
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Statistical analysis does not require confusing black boxes, esoteric tools or a vast knowledge of sophisticated maths. In fact, the tools we need are all simple to use, popular in the industry and easy to set up.

1. Python - the world's most popular programming language, used by an huge amount of scientists and data analysts.

2. Jupyter Notebooks - an incredibly popular way of blending code, markup, documentation, images and more into a single easy-to-run file. Share both your code, your thoughts and your results in one go.

3. Numpy and pandas - the most popular numerical libraries in python, for lightning-fast mathematical operations and advanced treatment of datasets.

4. Scipy - the scientific standard in Python. Filled to the brim with distributions, tests and tools so that you don't have to reinvent the wheel.

5. Matplotlib - the most popular Python plotting library to create publication ready graphics in only a few lines!