**Jupyter**

Project Jupyter exists to develop open-source software, open-standards, and services for interactive computing across dozens of programming languages.

**The Jupyter Notebook**

The Jupyter Notebook is an open-source web application that allows you to create and share documents that contain live code, equations, visualizations and narrative text. Uses include: data cleaning and transformation, numerical simulation, statistical modeling, data visualization, machine learning, and much more.

**Language of choice**

The Notebook has support for over 40 programming languages, including Python, R, Julia, and Scala.

**Share notebooks**

Notebooks can be shared with others using email, Dropbox, GitHub and the [Jupyter Notebook Viewer](http://nbviewer.jupyter.org/).

**Interactive output**

Your code can produce rich, interactive output: HTML, images, videos, LaTeX, and custom MIME types.

**Big data integration**

Leverage big data tools, such as Apache Spark, from Python, R and Scala. Explore that same data with pandas, scikit-learn, ggplot2, TensorFlow.

**Install The Jupter**

For a local installation, make sure you have [pip installed](https://pip.readthedocs.io/en/stable/installing/) and run:

$ pip install notebook

**Running in a local installation**

Launch with:

$ jupyter notebook



