Getting Started with Jupyter Notebook and Python

INSTALLING JUPYTER NOTEBOOKS

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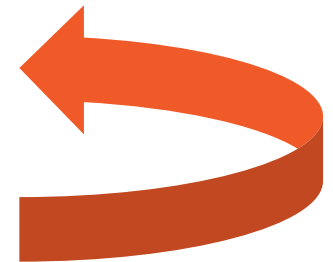@poweredbyaltnet   http://douglasstarnes.com

Jupyter Notebook

This is the tool for data scientists

IDE vs. interactive environment

Data science workflow

- Set up an experiment
- Supply initial parameters/input
- Run the experiment
- Gather the results
- Tweak the parameters

Jupyter Notebook Timeline

REPL

IPython

IPython Notebook

Python

R

F#

IPython
Notebook

????

How to get it?

Free, open source & cross-platform

Python
- pip

Anaconda
- https://www.anaconda.com/download

Docker
- Jupyter
- Anaconda

Azure Notebooks
- https://notebooks.azure.com

Demo

Installing and starting Jupyter Notebook