1. **Mining the Social Web, 2nd Edition.** Data Mining Facebook, Twitter, LinkedIn, Google+, GitHub, and More. By Matthew Russell

<https://github.com/ptwobrussell/Mining-the-Social-Web-2nd-Edition/tree/master/ipynb>

1. <https://github.com/jupyter/jupyter/wiki/A-gallery-of-interesting-Jupyter-Notebooks#social-data>
2. <http://nbviewer.jupyter.org/github/nealcaren/workshop_2014/tree/master/notebooks/>
3. Sound Analysis with the Fourier Transform and Python

<https://github.com/calebmadrigal/FourierTalkOSCON>

1. Kalman-and-Bayesian-Filters-in-Python

<http://nbviewer.jupyter.org/github/rlabbe/Kalman-and-Bayesian-Filters-in-Python/blob/master/table_of_contents.ipynb>

1. algorithms\_in\_ipython\_notebooks

<https://github.com/rasbt/algorithms_in_ipython_notebooks/tree/master/ipython_nbs>

1. Natural Language Processing with Python

<http://www.nltk.org/book_1ed/>

1. Natural language inference using spaCy and Keras

<https://github.com/explosion/spaCy/blob/master/examples/notebooks/Decompositional%20Attention.ipynb>

1. Feature Engineering for Machine Learning

<https://github.com/alicezheng/feature-engineering-book>

1. Web Scraping with Python

<https://github.com/REMitchell/python-scraping>

1. Data science Python notebooks: Deep learning (TensorFlow, Theano, Caffe, Keras), scikit-learn, Kaggle, big data (Spark, Hadoop MapReduce, HDFS), matplotlib, pandas, NumPy, SciPy, Python essentials, AWS, and various command lines.

<https://github.com/donnemartin/data-science-ipython-notebooks>

1. **Version control for fun and profit: the tool you didn't know you needed. From personal workflows to open collaboration**

<http://nbviewer.jupyter.org/github/fperez/reprosw/blob/master/Version%20Control.ipynb>

1. Hands-On Machine Learning with Scikit-Learn & TensorFlow

<https://github.com/bjpcjp/scikit-and-tensorflow-workbooks>

1. Keras

<https://github.com/keras-team/keras/tree/master/examples>

1. "Python for Data Analysis

<https://github.com/wesm/pydata-book>