

Useful URLs for python Workshop II

Notebook Gallery

- A gallery of different jupyter notebooks and the different uses.
<http://nb.bianp.net/sort/views/>

Plotting

1. Basic plotting of a function.
<http://nbviewer.jupyter.org/github/ipython/ipython/blob/1.x/examples/notebooks/Part%203%20-%20Plotting%20with%20Matplotlib.ipynb>
2. Python data analysis toolkit: Pandas
<http://pandas.pydata.org/pandas-docs/stable/>
3. 10 minutes to pandas tutorial:
<http://pandas.pydata.org/pandas-docs/stable/10min.html>
4. <http://pbpython.com/simple-graphing-pandas.html>
5. Matplotlib:
http://matplotlib.org/1.3.1/mpl_toolkits/mplot3d/tutorial.html

Sage Math Cloud Demos

The following are links to jupyter notebooks that will run on sagemathcloud and demo different ways to generate plots of data.

- <https://cloud.sagemath.com/projects/8f679492-91dd-419a-a8b2-b95ca282543c/files/BasicIntegralPlot.ipynb>
- <https://cloud.sagemath.com/projects/8f679492-91dd-419a-a8b2-b95ca282543c/files/BasicHistograms.ipynb>
- <https://cloud.sagemath.com/projects/8f679492-91dd-419a-a8b2-b95ca282543c/files/3DPlottingwithMatplotlib.ipynb>