**Blue Waters Petascale Semester Curriculum v1.0**

**Unit 10: Productivity and Visualization**

**Lesson 2: Python Scripting 2**

**References / Further Reading**

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*Browse and search the full curriculum at*[*http://shodor.org/petascale/materials/semester-curriculum*](http://shodor.org/petascale/materials/semester-curriculum)

*We welcome your improvements! You can submit your proposed changes to this material and the rest of the curriculum in our GitHub repository at*[*https://github.com/shodor-education/petascale-semester-curriculum*](https://github.com/shodor-education/petascale-semester-curriculum)

*We want to hear from you! Please let us know your experiences using this material by sending email to* [*petascale@shodor.org*](mailto:petascale@shodor.org)

* MatPlotLib: <https://matplotlib.org>
* Function details for matplotlib.pyplot.plot: <https://matplotlib.org/api/_as_gen/matplotlib.pyplot.plot.html>
* Numpy polyfit documentation: <https://numpy.org/doc/stable/reference/generated/numpy.polyfit.html>
* Numpy poly1d documentation: <https://numpy.org/doc/stable/reference/generated/numpy.poly1d.html>
* Numpy random\_sample documentation: <https://docs.scipy.org/doc/numpy-1.14.0/reference/generated/numpy.random.random_sample.html>
* MolSSI Plotting Lesson: <https://education.molssi.org/python_scripting_cms/05-plotting/index.html>
* MolSSI Introduction to Python: <https://education.molssi.org/python_scripting_cms/>