

Instructions for Problem Set 1

To run and solve this assignment, one must have a working **iPython Notebook** installation. The easiest way to set it up is to install **use Google Colab**:

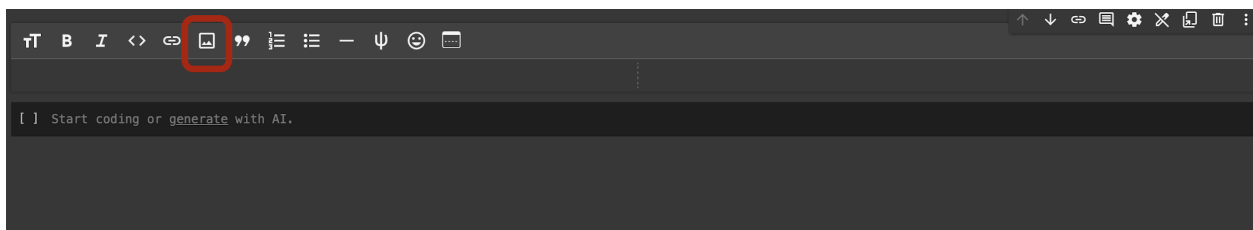
<https://colab.research.google.com/>

If you are new to Python or its scientific library, Numpy, there are some nice tutorials here:

<https://www.learnpython.org> and <http://scipy-lectures.org>.

Submission

You need to submit **ONLY** the printed pdf of the jupyter notebook in Gradescope. For written questions, you may generate images and display them in the notebook by selecting a “Text” block, and importing an image. See the screenshot below:



For an equation to png tool, you may use: <https://latexeditor.lagrida.com/>

Grading

Assignments are graded on completion. You will be asked whether you attempted the question or not. Please try to solve the question yourself first and write down your own solution and comments for your code. Your attempted solution should be written by you. Copy-pasted solutions will result in zero points. It is extremely important that you complete all assignments (both the programming and written questions), as they will prepare you for quizzes and exams.

Solutions will be released after the deadline. We will send out a Google form, which you will need to fill out for self-grading.