**Homework 13**

**Instructions**

This homework contains **2** programming questions. Export/print the Jupyter notebook as a PDF file including the code you implemented and the outputs of the program. Make sure all plots and outputs are visible in the PDF.

Combine all answers into a single PDF named andrewID\_hw13.pdf and submit it to Gradescope before the due date. Refer to the syllabus for late homework policy. Please assign each question a page by using the “Assign Questions and Pages” feature in Gradescope.

Here is a breakdown of the points for programming questions:

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| --- | --- |
| Question | Points |
| M13-L1-P1 | 72 |
| M13-L2-P1 | 48 |
| **Total** | 120 |
| Bonus | 6 |