Assignment 4

1. The first part of the homework can be found [here](#). Make sure you follow the instructions inside the Google Colab file. Please upload your code as a .pdf on Canvas with the results printed out.
2. ½ - 1 page writing exercise
- Think about your current or intended future project(s)
- Any DL theory or application ideas that you find interesting to incorporate?
- If dataset available: what are the structure, type, properties of the data you are using? (this can help you define the architectural biases of your DL implementation)
- If theory-heavy: is there any connection to DL theory (approximation theory, generalization or optimization)? (e.g. distribution properties of data, convergence to some desired property or function, …)
- Some OM research could find GANs interesting?
- Cite at least 1 relevant paper or textbook from the DL field