

Assignment 9

The exercises are divided into six notebooks covering the following topics:

1. Shape Manipulation
2. Broadcasting
3. Indexing
4. Pairwise Distances
5. Image Processing
6. Titanic
7. Perceptron (revisited)

The *Shape Manipulation* notebook contains new and relevant material not covered in the lectures. The goal of the *Titanic* notebook is to practice indexing and reduction functions by asking questions about the dataset. The *Perceptron* notebook asks to reimplement and test the Perceptron algorithm using NumPy.