Assignment 1 - Getting familiar with Numpy

Step 1: NumPy is a package for scientific computing which has support for a powerful N-dimensional array object. Before you can use NumPy, you need to install it.

Step 2: Create an Array of integers, floats and complex Numbers. Print its dimensions,

Step 3: Perform operations like

- Addition of Two Matrices
- Transpose
- Multiplication: dot product as well as element wise
- Access matrix elements, rows and columns

Step 4: Understand pythons's slicing notations as well as reversing the lists

Step 4: Go through the usage of Numpy with ML/AI

- Download data through URLs (Can be any format)
- Import that data into numpy arrays