Machine Learning
COS6026-B

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7 Week Lab Session: NN in Python

For this week we will implement the PCA tutorial in

https://victorzhou.com/blog/intro-to-neural-networks/

If you are using PyCharm, you might need to install the following libraries:

- Numpy

To install any library in PyCharm go to:

File ➔Settings➔ Project Interpreter ➔ +

Tasks

- Read the tutorial materials https://victorzhou.com/blog/intro-to-neural-networks/
- As required by this tutorial, implement the python programs main.py, FeedForward.py and NN.py
- What would your NN predict for the following cases:

Name	Weight (lb)	Height (in)	Gender
Tom	190	75	M
Sarah	135	66	F
Paul	175	77	M