Assignment 3 – Deep Learning with TensorFlow

Due Friday April 14th @11:55pm

This assignment must be submitted as a Jupyter Notebook, including texts, figures and codes describing the analysis. The goal of the assignment is the same as in the first assignment and you should use the same dataset. But now you are supposed to use a deep network. You should:

1. Create one or more deep networks for the predictions
    a. You may test different network sizes, architectures and design parameters.
2. Compare the results achieved by the deep network model when compared to your previous model.
3. Conclusions
    a. Analyze and discuss why your deep model performed better/similar/worse than your classic models.

Submission Guidelines:

The assignment can be done individually or in groups of two. Submit your assignment as a single zip file through the moodle link provided. Use the following naming format for your zip file:

lastnameStudent-as3.zip

The zip file should contain the Jupyter notebook. Any comments, equations, images or discussion should be part of the notebook.