**Basic Neural Networks**

**1. Week-1**

**Coursera**

**Project 01 - Basic DL Model with no library**

1. <http://iamtrask.github.io/2015/07/12/basic-python-network/>
2. <https://www.youtube.com/watch?v=h3l4qz76JhQ>
3. <https://www.youtube.com/watch?v=vcZub77WvFA&index=2&list=PL2-dafEMk2A5BoX3KyKu6ti5_Pytp91sk>

**Project 02 - Basic DL Model with Tensorflow**

1. <https://www.tensorflow.org/tutorials/keras/basic_regression>

**2. Week-2**

**Coursera**

**Project 01 - Logistic Regression no library**

1. <https://hackernoon.com/introduction-to-machine-learning-algorithms-logistic-regression-cbdd82d81a36>

**Project 02 - Gradient Discent no library**

1. <https://www.youtube.com/watch?v=XdM6ER7zTLk>
2. <https://www.youtube.com/watch?v=q555kfIFUCM>

**3. Week-3**

**Coursera**

**Project 01 – mnsit data set of fashion brands with tensorflow library**

1. <https://www.tensorflow.org/tutorials/keras/basic_classification>

**Project 02 – Iris Classifier no library**

1. <https://www.youtube.com/watch?v=2FOXR16mLow&list=PL2-dafEMk2A4ut2pyv0fSIXqOzXtBGkLj>

**4. Week-4**

**Coursera**

**Project 01 – Basic text classification with simple neural network with tensorflow**

1. <https://www.tensorflow.org/tutorials/keras/basic_text_classification>

Do all the Notebooks included in the course also.