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

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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

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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

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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.