

CNNs

1. Week-1

- **Coursera Specialization**
- **Project 01 -> Digit Recognizer**
<https://www.kaggle.com/toregil/welcome-to-deep-learning-cnn-99>
- **Project 02 -> Edge Detection with tf**
<http://thegrimm.net/2017/12/14/tensorflow-image-convolution-edge-detection/>

2. Week-2

- **Coursera Specialization**
- **Project 01 -> Object Detection**
<https://www.youtube.com/watch?v=COlbP62-B-U&list=PLQVvva0QuDcNK5GeCQnxYnSSaar2tpku>
- **Project 02 -> Facial Landmark Detection**
<https://towardsdatascience.com/facial-keypoints-detection-deep-learning-737547f73515>

3. Week-3

- **Coursera Specialization**
- **Project 01 -> Neural Style Transfer**
<https://medium.com/tensorflow/neural-style-transfer-creating-art-with-deep-learning-using-tf-keras-and-eager-execution-7d541ac31398>
- **Project 02 -> Face recognition**
<https://towardsdatascience.com/face-recognition-for-beginners-a7a9bd5eb5c2>

4. Week-4

In this week we will try to do min of 4 projects based on different regularities we learnt with proper documentation.

By all weeks CNNs are figured at amateur level. We will move to other NNs.