**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=PLQVvvaa0QuDcNK5GeCQnxYnSSaar2tpku

* **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.