

# RNNs

## 1. Week-1

### Coursera

#### Learning & Project 01- Sentdex playlist of deep learning with tensorflow

<https://www.youtube.com/watch?v=wQ8BIBpya2k&list=PLQVvvaa0QuDfhTox0AjmQ6tvTgMBZBEXN>

## 2. Week-2

### Coursera

#### Project 01 - Language Translator

<https://machinelearningmastery.com/develop-neural-machine-translation-system-keras/>

<https://www.youtube.com/watch?v=nRBnh4qbPHI&list=PL2-dafEMk2A7YdKv4XfKpfbTH5z6rEEj3&index=21>

#### Project 02- Text Generation

<https://machinelearningmastery.com/text-generation-lstm-recurrent-neural-networks-python-keras/>

<https://www.youtube.com/watch?v=ZGU5kIG7b2I&list=PL2-dafEMk2A7YdKv4XfKpfbTH5z6rEEj3&index=20>

## 3. Week-3

### Coursera

#### Project 01- Chatbot

[https://www.youtube.com/watch?v=dvOnYLDg8\\_Y&list=PLQVvvaa0QuDdc2k5dwtDTyT9aCja0on8j](https://www.youtube.com/watch?v=dvOnYLDg8_Y&list=PLQVvvaa0QuDdc2k5dwtDTyT9aCja0on8j)

#### Project 02- Sentiment analysis

<https://towardsdatascience.com/a-beginners-guide-on-sentiment-analysis-with-rnn-9e100627c02e>

<https://machinelearningmastery.com/predict-sentiment-movie-reviews-using-deep-learning/>

We are done with RNNs and LSTM too.

Next step – GANs and Deep Reinforcement learning.