Syllabus

Module 1 - Introduction to TensorFlow

- **Introduction to TensorFlow**
- **Introduction to Deep Learning**
- **Deep Neural Networks**

Module 2 - Convolutional Neural Networks (CNNs)

- **Introduction to CNNs**
- **CNNs for Classification**
- **CNN Architecture**

Module 3 - Recurrent Neural Networks (RNNs)

- **The Sequence Problem**
- **The RNN Model**
- **The LSTM Model**
- **Applying RNNs to Language Modelling**

Module 4 - Restricted Boltzmann Machines (RBMs)

- Introduction to RBMs
- RBMs

Module 5 - Autoencoders

- Introduction to Autoencoders
- Autoencoders