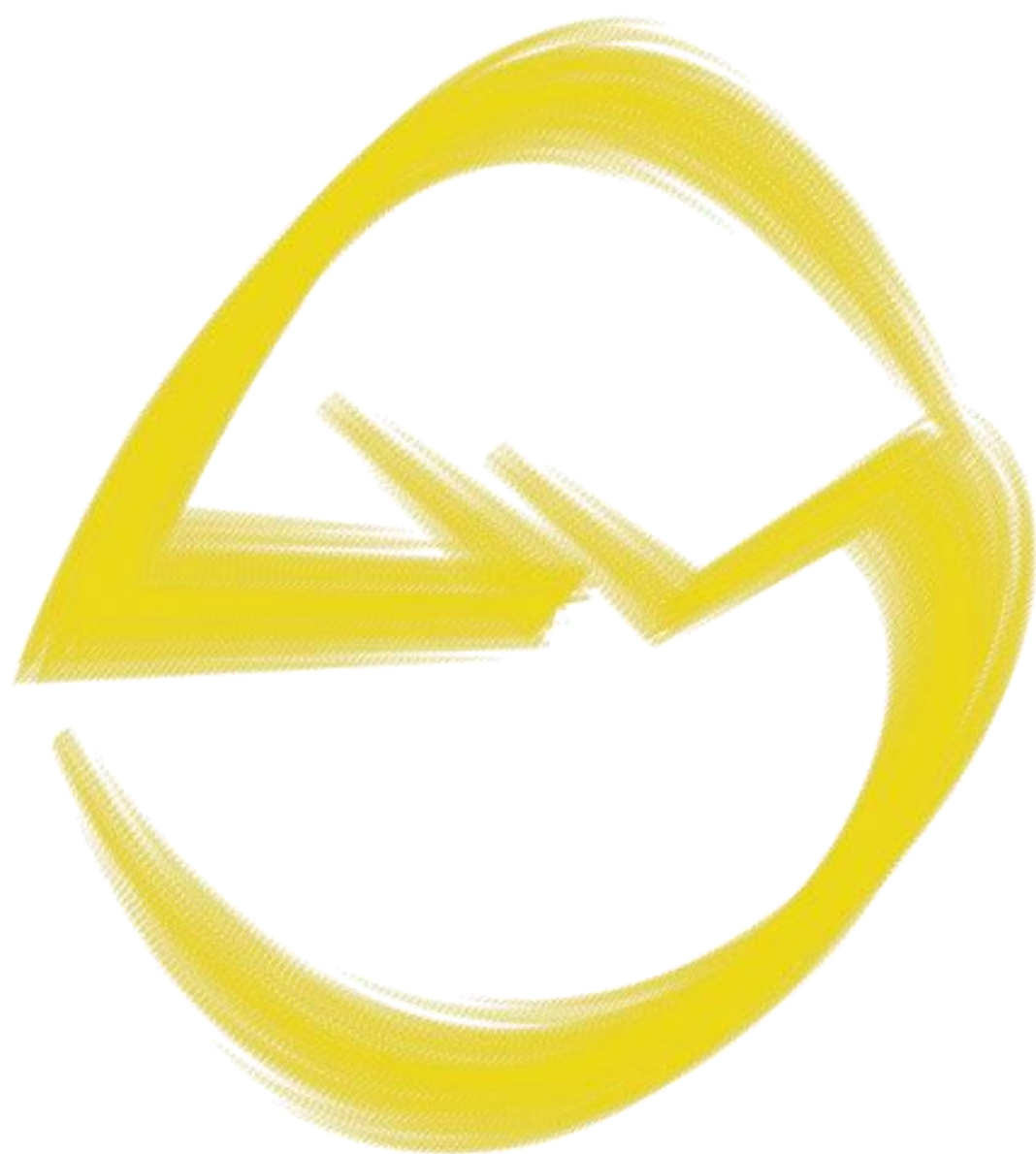


In the name of God
the compassionate the merciful



This curriculum belongs to Tensorflow course.

Tensorflow in Action

By

Mohammad Ebrahim

In this course, we will cover Tensorflow. The details and the duration of the videos will be provided after finishing the recordings. The video and document content will be provided each week. The main concepts that are going to be covered are as follows:

- Sequential API
- Functional API
- Model subclassing
- Layers, Optimizers, ...
- Compiling, training, evaluation, and prediction
- Different network architectures
- Saving, Loading models
- Dealing with pre-trained models and transfer learning
- Data pipeline
- Dealing with Tensorflow and Keras datasets
- NLP tasks
- Vision tasks
- Implementing famous architectures such as ResNet and Transformers