

TensorFlow

CERTIFICATION BOOTCAMP

with Exam Pass Guarantee in 12 weeks



Curriculum

Part 1: Overview of the TensorFlow Certificate Exam

- Why giving attention to TensorFlow & Certification?
- Candidate Handbook Overview
- Effective preparation

Part 2: Introduction to TensorFlow for Machine Learning

- Intro to Deep Neural Networks
- Intro to TensorFlow
- A Recipe to Computer Vision
- A Recipe to Convolutional Neural Networks
- Working with Real and Larger datasets
- Deep Concluding Lab

Part 3: Computer Vision with TensorFlow

- Intro to Computer Vision
- Image Classification
- Data Augmentation
- Transfer Learning
- MultiClass Classification
- Deep Concluding Lab

Part 4: Natural Language Processing With TensorFlow

- Intro to NLP

- Embeddings in TensorFlow
- Recurrent Neural Networks (RNN)
- Text Generation with RNN
- Deep Concluding Lab

Part 5: Sequence, Time Series and Prediction

- Intro to Time Series
- Deep Neural Networks (DNN) for Time Series
- Convolutional Neural Networks (CNN) for Time Series
- Recurrent Neural Networks (RNN) for Time Series
- Working with Larger Time Series Dataset
- Deep Concluding Lab

Part 6 - Real Exam

- Walkthrough the Candidate Handbook And Exam Environment
- Final Deep Review