Course Name	**TensorFlow Specialty**
Course Duration	5 Day (40 hours)
Target Audience	Data Analyst, Business Analysts, Data Scientist
Course Outcomes	**TensorFlow Proficiency:** • Understand machine learning and deep learning basics • Apply TensorFlow for computer vision tasks with CNNs
	Master CNNs in TensorFlow: • Work with large datasets and apply data augmentation • Utilize transfer learning and build multiclass classification models
	NLP Techniques in TensorFlow: • Perform sentiment analysis and use word embeddings • Develop sequential models for text analysis
	Time Series Predictions with TensorFlow: • Analyze time series data and build deep neural network models • Explore RNNs for time series analysis

Module No.	Module
1	**Introduction to TensorFlow**
1.1	Basics of Machine Learning & Deep Learning
1.2	Introduction to Computer Vision
1.3	Enhancing Vision with Convolutional Neural Networks
1.4	Practical case of real-world images
2	**Convolutional Neural Networks in TensorFlow**
2.1	Working with large datasets
2.2	Augmentation Technique
2.3	Transfer Learning Technique
2.4	Multiclass Classifications Technique
3	**Natural Language Processing in TensorFlow**
3.1	Sentiment Analysis Technique
3.2	Word Embedding Technique
3.3	Sequential Model Technique
4	**Time Series & Predictions using TensorFlow**
4.1	Concept of Sequence and Prediction in time series data
4.2	Deep Neural Network for time series data
4.3	Recurrent Neural Network for time series data