Deep Learning With Computer Vision and Advanced NLP

Deep Learning is a subfield of machine learning concerned with algorithms inspired by the structure andfunction of the brain called artificial neural networks. It is a function that imitates the workings of the human brain in processing data and creating patterns for use in decision making. Learn Deep Learning, Transfer Learning and Neural Networks using the latest frameworks. Become a Deep Learning Guru!

Instructors:

krish naik:

Having 10+ years of experience in Data Science and Analytics with product architecture design and delivery. Worked in various product and service based Company. Having an experience of 5+ years in educating people and helping them to make a career transition.

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Sudhanshu Kumar:

Having 8+ years of experience in Big data, Data Science and Analytics with product architecture design and delivery. Worked in various product and service based Company. Having an experience of 5+ years in educating people and helping them to make a career transition.

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Curriculum:

- Advance NLP with deep-learning overview.

- TensorFlow Installation.

- Pytorch.

- Neural Network.

- CNN overview

- Advance Computer Vision – Part 1.

- Advance computer Vision – Part 2.

- ChatBot.

- Text processing

- Spacy.

- NLP terminalogy.

- RNN

- Attention Based model.

- Hardware Setup – GPU.

- Transfer Learning in NLP.

- Mini NLP Project.

- Deployment of Model and Performance tuning.

- NLP Transfer learning project with deployment and integration with UI.

- NLP end to end project with architecture and deployment.

- NLP project end to end with deployment in various cloud and UI integration.

- Computer Vision Project.

Requirements:

- Dedication

- Computer with i3 processor and internet