Welcome to ineuron.ai

Deep Learning Foundations

Description:

Deep Learning is a subfield of machine learning concerned with algorithms inspired by the structure and function 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!

Start Date:

Doubt Clear Time:

Course Time:

Features:

Course material

Course resources

On demand recorded videos

Practical exercises

Quizzes

Assignments

Course completion certificate

What we learn:

Foundations of Deep Learning

Artificial Neural Networks

Convolution Neural networks

Natural Language Processing

RNN

LSTM

Requirements:

System with Internet Connection

Interest to learn

Dedication

Instructor:

Name:

krish naik

Description:

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.

>Foundations of Deep Learning:

>>Introduction to Deep Learning

>>Why Deep Learning?

>>Difference between Machine learning & Deep Learning

>>Basic's of Deep learning

>Artificial Neural Networks:

>>Neural Network Foundations

>>Forward propagation

>>Backward Propagation

>>Weight Initialization

>>Loss Function and Gradient Descent

>>Activation Function

>>Optimizers

>>Artificial Neural networks

>Convolution Neural networks:

>>CNN vs ANN

>>Convolutional Neural Network

>>Filters

>>Channels/Feature Maps

>>Padding

>>Receptive Fields

>>Practical demonstration