Student Success

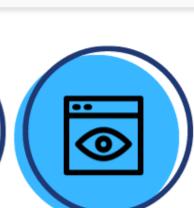
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Course Overview

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GAN

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Big Data

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IoT

Neural Network Certification

Career Opportunity

Neural Networks and Deep Learning

Neural Networks and Deep Learning Course

BITA Academy is pleased to provide the best Neural Networks and Deep Learning Course, designed to equip you with the knowledge and abilities required to grasp this cutting-edge subject.

Do you want to delve deeper into the fascinating realm of Neural Networks and Deep Learning?

A neural network is a computational model inspired by the structure and operation of the human

What is a Neural Network?

brain in the context of artificial intelligence and machine learning. It is a crucial component of deep understanding, a machine learning subfield. A neural network is made up of interconnected processing units called artificial neurons or nodes that are grouped into layers. Roles and Responsibilities in Neural Network

Deep Learning Engineer

Creating, training, and optimizing neural network models. Model optimization for performance,

handled. Defining machine learning objectives in collaboration with data scientists and domain specialists. Managing and managing the lifecycle of the model, including versioning and deployment. **Research Scientist**

speed, and resource utilization. Data pretreatment, augmentation, and feature engineering are all

Developing new machine learning algorithms and models through study. Keeping up with the latest developments in neural networks and deep learning. Attending conferences and publishing

Working with engineers to develop and test new algorithms. AI/ML Project Manager: Supervising machine learning project planning and implementation. Keeping track of project

scholarly papers. Providing guidance on the suitable neural network topologies for specific jobs.

deadlines, resources, and budgets. Stakeholders are kept informed of project progress and outcomes. Project risk identification and mitigation. Ensure the team adheres to best practices in machine learning and neural network development. These roles frequently work in interdisciplinary teams to design and deploy neural network models

effectively. Depending on the size and structure of the business, certain personnel may wear

numerous hats, covering a combination of these functions. The success of neural network projects is dependent on effective communication and teamwork. Syllabus of Neural Network and Deep Learning

Recap Of Neural Networks In General

- Introduction To Deep Learning
- Single Layer Perceptron
- Tensorflow Code Basics Demo
- Multi Layer Perceptron Using Mnist
- Tensor Flow Code Demo 2 • Cnn - Full - Code With Data Set
- Binary Classification Using Keras
- Mnist With Keras
- Computer Visualization Using Opency Cats And Dogs Classification
- Trained Model Cats And Dogs

Image Captioning Using Lstm - Demo

Word Prediction Using Rnn

Rnn

- Text Generation Using Rnn Regional Convolutional Neural Network (Rcnn)
- Object Detection Using Mask Rcnn
- Boltzmann Machine And Auto-Encoders
- Autoencoder Using Keras Generative Adversarial Network (Gan)
- Transfer Learning

Emotion And Gender Detection Using Cnn (Age And Gender Detection Using Cnn) – Part Of

In today's quickly changing technological scene, there is a high demand for experts proficient in

Open Cv

neural networks and deep learning courses. The ability to build, implement, and deploy neural network models is becoming increasingly valuable in various businesses. If you want to advance

Neural Network Certification Training

way to go. Neural Network Certification Training offers comprehensive education and hands-on experience in the exciting world of deep learning. Enrol in BITA Academy's neural networks and deep learning course to secure your credential. Deep Learning Specialization • TensorFlow Developer Certificate Machine Learning Specialization

your profession and become an expert in this sector, Neural Network Certification Training is the

- Deep Learning Nanodegree
- **Job opportunities in Neural Network**
- As a result of the growing demand for artificial intelligence (AI) and machine learning (ML) knowledge, job opportunities in the field of neural networks and deep learning are available and

the Neural Networks and Deep Learning Course. Machine Learning Engineer Deep Learning Engineer Computer Vision Engineer

developing rapidly. Neural networks are an essential component of AI and machine learning, and

professionals with expertise in this area are in great demand across multiple industries. Sign up for

- Natural Language Processing (NLP) Engineer Al Research Scientist
- Al Consultant Robotics Engineer
- Why should you select us? · After completing the Neural Networks and Deep Learning Course, you will build, implement,
 - and deploy neural network models. We offer Neural Network and Deep Learning Courses for Professionals and students who want to start their careers in AI and Data Science.

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