Introduction to Artificial Intelligence and Machine Learning (AI/ML)

Training

Introduction to Artificial Intelligence and Machine Learning (AI/ML) | 72 hours

Contact Us
(571) 577-7890
(703) 554-3827
www.intellectualpoint.com
info@intellectualpoint.com

Program Prerequisites

Experience in Python coding and high school-level math is required. Prior machine learning or deep learning knowledge is helpful but not required.

Educational Objectives

TensorFlow is one of the most in-demand and popular open-source deep learning frameworks available today. The Introduction to AI/ML with TensorFlow course teaches you applied machine learning skills with TensorFlow so you can build and train powerful models.

In this hands-on program you will learn the necessary tools to build scalable AI-powered applications with TensorFlow. After finishing this program, you'll be able to apply your new TensorFlow skills to a wide range of problems and projects. This program can help you prepare for the Google TensorFlow Certificate exam and bring you one step closer to achieving the Google TensorFlow Certificate. Ready to deploy your models to the world?

Intellectual POINT

EXCELLENCE THROUGH EDUCATION

intellectualpoint.com/

Professional Objectives

The Artificial Intelligence and Machine Learning (AI/ML) course teaches the most important and foundational principles of Machine Learning and Deep Learning. This new deeplearning TensorFlow Specialization teaches you how to use TensorFlow to implement those principles so that you can start building and applying scalable models to real-world problems.

What you will learn:

- Learn best practices for using TensorFlow, a popular open-source machine learning framework

- Train a neural network for a computer vision application

- Build a basic neural network in TensorFlow

- Understand how to use convolutions to improve your neural network

- You will also gain skills in Computer Visiton, Tensorflow, and Machine Learning

Skills Covered

- Statistics
- Python
- Supervised Learning
- Unsuperviced Learning
- NLP Neural Networks

- TensorFlow
- Programming
- Machine Learning

Topics Covered

- Python for Data Science
- AI- Data Science with Python
- AI- Machine Learning
- AI - Deep Learning with Tensorflow and Keras
- AI - Advanced Deep Learning and Computer Vision
- AI - Natural Language Processing and Speek Recognition
- AI - Reinforcement Learning
- AI - AI and Machine Learning Project

intellectualpoint.com/

Contact Us

(571) 577-7890

(703) 554-3827

www.intellectualpoint.com

info@intellectualpoint.com

46175 Westlake Drive
Suite 250
Sterling, VA 20165

Be Social With Us!

State Council of
Higher Education for Virginia

EXCELLENCE
THROUGH
EDUCATION

Intellectual
P O I N T