Course Objective:

To understand the basic building blocks of neural networks and gain an intuition for mathematical processes underlying artificial intelligence.

Logistics:

Course will be run over Google Meet Weekly on Saturdays, 11-12 am EST from May 21, 2022 – Jun 25, 2022.

Course Outline:

- Class 1 – what is data science, ML, and introduction to coding tools (Google Colab and Python)
- Class 2 – Colab + NumPy + Pandas + Matplotlib
- Class 3 – Linear Regression from scratch & Linear Regression w/ scikit-learn
    - Iris dataset
- Class 4 – TensorFlow Day #1
- Class 5 – TensorFlow Day #2 (Tensorboard)
    - MNIST
- Class 6 – ANN Competition
    - Fashion MNIST

Contact Us:

contact@nexgencoding.com