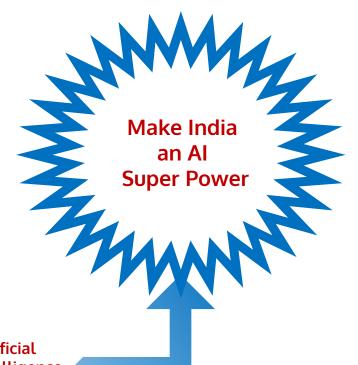
# ARTIFICIAL INTELLIGENCE & DATA SCIENCE



Artificial Intelligence

IT Competency

Scientific Knowledge

## **Q**nodiam, Education that enlightens!

- Dependable Competency Partners
- Expert Industry Veterans
- Lucid & Practical



# AI-ML & DATA SCIENCE BOOT CAMP: IRON SHIELD 2024

#### **WEEKEND 1**

- Artificial Intelligence Basics
  - LLM & GAN
  - ChatGPT
- Python for Data Science
  - Vectorization
  - NumPy & Pandas
  - Matplotlib & Seaborn
  - TensorFlow, Keras & PyTorch

#### WEEKEND 3

- Computer Vision CNN
  - CNN Deep Dive
  - Keras Features
- Hands on DSP Alive
  - Making Digital Signal Processing Lucid
  - Acoustics Project



#### WEEKEND 2

- Hands-on OpenCV
  - Facial Recognition (Computer vision)
  - Video Processing
- Make your Own Chat Bot
  - NLP Cloud Service

### WEEKEND 4

- Natural Language Processing
  - NLP
  - LLM
  - GAN
- ML Project Organization
  - Accuracy & Optimization
  - ML Ops,
  - Cloud Services

