

Certificate in AI

Course Information and Schedule

DURATION: 100 Hours

Big data, the Internet of Things, and Artificial Intelligence hold such disruptive power that they have inverted the dynamics of technology leadership. When science and technology meet social and economic systems, we see an explosion in technological disruption.

WHO SHOULD APPLY?

✓ Engineers, Software and IT Professionals & Data Professionals

PRE-REQUISITES:

✓ Digital Bachelor's Degree in Mathematics or Statistics

BASICS COVERED IN THE COURSE:

✓ Learning Python for ML & AI, Advance Statistics / Predictive modelling



COURSE MODULES

- > Introduction to ML & AI
- > Supervised and Unsupervised Machine Learning
- > Deep Learning: speech recognition, video analytics and computer vision
- > Natural Language Processing with ML & DL
- > Reinforcement Learning
- > Capstone Project

BY THE END OF THIS PROGRAM, PARTICIPANTS WILL LEARN:

By the end of the course you will understand and apply transfer learning principles and how to use state-of-the-art convolutional neural nets, object detection algorithms like Single Shot Multi-box Detector (SSD) and state-of-the-art computer vision practices. Learn how to build Deep Neural Network models for text analysis and the core concepts of Natural Language Processing (NLP).

At the Boston Training Academy (BTA), we tailor our course content to suit each individual participants' experience levels, from beginner to intermediate right up to advanced.

We begin with functional domain knowledge of your relevant institution and then move onto mapping the appropriate technology skills. Our courses are delivered in both long and short formats with a consultative approach in mind. We believe that educating the customer is key in order for them to accept, adopt and utilise the transformative technology solutions and in turn fully benefit from the revolutionary academic and organisational results that AI provides.

Our mission is to become the go-to academy for talent engagement and training across a variety of disciplines. Our extensive curriculum ensures that accreditation from the Boston Training Academy acts as a badge of honour, differentiating the commitment of partners that are willing to go the extra mile with their learning.

Through advanced AI labs and instructor-led training on the latest technologies and techniques across a variety of application domains, our global standards training benefits data science professionals to build strong subject knowledge in the AI space.

KEY COURSES

- INTERMEDIATE/ADVANCED
- Certificate in Business Analytics
- Certificate in Deep Learning
- Certificate in Machine Learning
- Certificate in Python for AI
- Certificate in Advance ML
- Certificate in Computer Vision
- Certificate in IOT
- Certificate in Banking Analytics
- Diploma in AI
- Diploma in Machine Learning
- Diploma in Deep Learning

ONLINE STARTER COURSES

- TensorFlow Developer Certificate
- Machine Learning Frameworks
- Fundamentals of NLP
- Fundamentals of Computer Vision
- BI with Power BI
- Python for Data Science
- Path to becoming a ML Engineer
- Fundamentals of Deep Learning

IN DEPTH TRAINING

Domain Training
Core data science & Artificial Intelligence Solutions
Big data/Advance data-science & HPC Training

INDUSTRY READINESS

Accelerate learning and expose participants to the latest techniques and how to use them to gain insights for your business

DOMAIN KNOWLEDGE

Acquire skills in Data Science, Machine Learning, Deep Learning and data-driven decision making for increased business value

CONSULTING

Custom designed solutions including hardware, software and cloud solutions, establishing Centre of Excellence AI Labs

BOSTON AI BUNDLE SOLUTION OFFER

Boston Venom AI Family

- > Image/Audio/Video
- > Autonomous Driving
- > Adversarial Learning
- > Natural Language Processing
- > Reinforcement Learning
- > Limited Precision

2U / 4U Form Factor | Intel® Xeon® Scalable CPUs | Intel® Stratix® FPGA
6x DDR4 2666MHz RAM | 4 PCIe 3.0 x16 slots | 8x 3.5" Drive Bays

Contact us
for pricing