



Certificate in Artificial Intelligence for Executives

Artificial Intelligence in Business Strategy and Decision-Making

► Upcoming Sessions

| | | |
|----------------|-------------|---------|
| 09-13 Sep 2024 | Dubai - UAE | \$5,950 |
| 09-13 Dec 2024 | Dubai - UAE | \$5,950 |
| 20-24 Jan 2025 | Dubai - UAE | \$5,950 |
| 07-11 Apr 2025 | Dubai - UAE | \$5,950 |
| 16-20 Jun 2025 | Dubai - UAE | \$5,950 |
| 08-12 Dec 2025 | Dubai - UAE | \$5,950 |

► Training Details

Training Course Overview

Are you encountering formidable challenges in your business operations? How much time and resources are required to overcome them? Efficiency is key to achieving more with less expenditure. Artificial Intelligence (AI) emerges as a solution, simulating human-like intelligence to streamline processes. While AI has garnered recognition, it continues to evolve, exhibiting dynamic and adaptable behaviors.

In this Anderson training program, participants will delve into the fundamentals of AI and its widespread applications. AI technology finds utility across diverse sectors, including decision-making, gaming, media, finance, business operations, medical diagnostics, and scientific research.

Through this practical training course, delegates will acquire expertise in the core principles and practical applications of AI, encompassing machine learning, probabilistic reasoning, computer vision, fuzzy logic, and genetic algorithms.

Training Course Objectives

By attending this Anderson training course, delegates will be able to:

- Develop many AI skills necessary to get work completed in less time
- Understand how to plan using logic
- Explain how to imitate human neural network in classification
- Understand how to design a Machine Learning based applications
- Analysis and Design AI Application

Designed For

This Anderson training course is suitable to a wide range of professionals but will greatly benefit:

- ▶ Project Managers
- ▶ Office Managers
- ▶ Leaders
- ▶ All professionals who need to fill the gap between the current business situation and the very near AI era
- ▶ Anyone who is interested in enhancing the current business using wide steps

▶ Training Details

Day One: An Overview of Artificial Intelligence

- ▶ Introduction to AI and Success Stories
- ▶ Human Intelligence vs Artificial Intelligence
- ▶ History of AI
- ▶ Intelligent Agents and Their Roles
- ▶ Limits of Artificial Intelligence
- ▶ Intelligent Decision Making

Day Two: Intelligent Agents

- ▶ Introduction to Agents
- ▶ Different Types of Agents
- ▶ Knowledge-base and Data Base
- ▶ Logic Reasoning
- ▶ Unification
- ▶ Deduction Processes

Day Three: Machine Learning

- ▶ Supervised and Unsupervised Learning
- ▶ Classification and Clustering
- ▶ Artificial Neural Networks
- ▶ Learn by Examples
- ▶ Object Recognition
- ▶ Features and Classes

Day Four: Fuzzy Logic

- ▶ Introduction to Fuzzy Thinking
- ▶ Fuzziness vs Probability
- ▶ Fuzzy set and Fuzzy Rules
- ▶ Importance of Fuzzy logic
- ▶ Real example of Fuzzy Controllers
- ▶ Building a Tiny Machine Learning Application

Day Five: Genetic Algorithm

- ▶ Overview of Genetic Algorithms
- ▶ The Need for Optimization, Maximization, and Minimization
- ▶ How GA Work and Evolve
- ▶ Genetic Algorithm Chromosomes, Genes, Selection, Mutation and Crossover
- ▶ Dimension to Use Genetic Algorithm
- ▶ Real Genetic Algorithm Examples to Optimize Business Processes

▶ The Certificate

Anderson Certificate of Completion will be provided to delegates who attend and complete the course

▶ INFO & IN-HOUSE SOLUTION

For more information about this course, call or email us at:

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Email: info@anderson.ae

Request for a Tailor-made training and educational experience for your organization now:

Email: inhouse@anderson.ae

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