Introduction to Artificial Intelligence

Course Length: Five Days
Price: $2095
Number of Seats Available: 10 minimum/16 maximum

Course Description:

Artificial Intelligence (AI) is the theory and development of computer systems able to perform tasks that normally require human intelligence, such as visual perception, speech recognition, decision-making, and language translations. Most AI examples that you hear about today – from chess-playing computers to self-driving cars – use advanced technologies, such as deep learning and natural language processing, to train computers to accomplish specific tasks by processing large amounts of data and recognizing patterns in the data. AI makes it possible for machines to learn from experience, adjust to new inputs, and perform human-like tasks.

In this introductory course, you will become familiar with the basic concepts and definitions of modern AI, some of its applications/uses, implications and impacts, and how AI is re-defining numerous industries.

Course Objectives:

In this training, you will:

- List the basic definitions for key terminologies used in AI.

- Discuss the practical, philosophical, moral, and societal impacts of AI.

- Describe the major applications of AI in various fields, such as financial services, healthcare, customer service, etc.

- Explain what Machine Learning is and why it matters.

- Define Deep Learning and why it matters.

- Discuss recent innovations in AI and Machine Learning.

- Describe the general process for developing AI products.

- Explain the challenges of AI product development.

Course Content:

- Introduction to AI

- Societal impacts of AI

- Decoding AI

- Applications of AI in various industries

- Introduction to Machine Learning

- Introduction to Deep Learning

- Innovations in AI and Machine Learning

- The AI development process

- The relationship between managers and the AI product development teams

- Avoiding AI development pitfalls, including broken expectations and estimation errors

Learning Strategy:

- Lecturettes

- Self-assessment

- Quizzes

- Group discussions and activities

- Relevant videos and film clips

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