

Generative AI

One Day Course for a non technical audience

FA-0227 · One Day

Agentic & Generative AI

Introduction

In the swiftly changing landscape of technology, Generative AI stands out as one of the most groundbreaking and disruptive innovations of our time. For leaders navigating the future of business, understanding this technology is no longer optional—it's imperative. This one-day training is meticulously designed for mid and senior-level managers, aiming to elucidate the concepts, capabilities, and potential of Generative AI. By the end of the session, participants will not only grasp the theoretical underpinnings of this technology but also appreciate its practical applications across diverse industries.

Learning outcomes

- Comprehend the fundamental principles behind Generative AI and its underlying technologies.
- Recognize the differences between Generative AI and other AI paradigms.
- Understand the applications and potential of Generative AI across various sectors.
- Identify the potential risks and ethical considerations associated with the deployment of Generative AI.
- Evaluate the strategic implications of integrating Generative AI into business processes.
- Foster informed discussions about the role of Generative AI in future projects and business directions.

Prerequisites

- Basic understanding of Artificial Intelligence concepts.
- Familiarity with current technological trends and digital transformations in businesses.
- No technical coding or algorithmic knowledge is required, but a willingness to grasp high-level technological concepts is essential.

Training outline

1. Introduction to AI and its Evolution

1. Brief history of AI.
2. The difference between Narrow AI, General AI, and Superintelligent AI.
3. Overview of AI's impact on businesses.

2. Delving into Generative AI

1. Definition and core concepts.
2. Differentiating between Discriminative and Generative models.
3. Introduction to Generative Adversarial Networks (GANs) and their working mechanism.

3. Exploring Applications of Generative AI

1. Media: Deepfakes, image generation, and art creation.
2. Healthcare: Drug discovery and personalized medicine.
3. Retail: Product design and virtual fashion.
4. Finance: Anomaly detection and financial modeling.
5. Real Estate: Virtual property tours and architectural design.

4. Strategic Implications for Businesses

1. Impact on job roles and the future of work.
2. Enhancing creativity and innovation in product development.
3. The role of Generative AI in data-driven decision-making.

5. Risks and Ethical Considerations

1. The challenge of Deepfakes and misinformation.
2. Ethical implications in content creation.
3. Bias and fairness in Generative AI.

6. Generative AI in Action (Interactive Session)

1. Demonstrations of various Generative AI tools and technologies.

2. Case studies: Success stories and lessons learned from businesses that have effectively integrated Generative AI.

7. Strategizing with Generative AI

1. Steps to evaluate the feasibility of Generative AI in your organization.
2. Potential roadblocks and how to navigate them.
3. Future trends: Where Generative AI is heading.

8. Open Discussion and Q&A Session

1. Address queries, concerns, and thoughts from participants.
2. Discuss hypothetical or real-world scenarios relevant to the attendees' industries.

The training will employ a blend of lectures, interactive discussions, live demonstrations, and case study analyses to ensure comprehensive understanding and engagement.