

Basics of Artificial Intelligence

Introduction

Artificial intelligence (AI) is reshaping our world, revolutionizing industries, and transforming the way we live and work. From virtual assistants to recommendation systems, AI technologies have become ubiquitous in our daily lives. In this one-day training program, we'll explore the basics of artificial intelligence, demystifying this complex field and highlighting its practical applications. Whether you're a business professional, entrepreneur, or curious individual, understanding AI fundamentals is essential for staying relevant in today's fast-paced world.

Program Objectives:

The objectives of this program are to:

- Introduce participants to the fundamental concepts and principles of artificial intelligence.
- Highlight the practical applications of AI across various industries and domains.
- Foster an appreciation for the potential impact of AI on work, life, and society.
- Equip participants with foundational knowledge to leverage AI technologies effectively.

Learning Outcomes:

By the end of this program, you will be able to:

- Understand the basic concepts and terminology related to artificial intelligence.
- Identify real-world applications of AI in different fields, such as healthcare, finance, and entertainment.
- Appreciate the ethical considerations and societal implications of AI technologies.
- Recognize opportunities to integrate AI tools and techniques into their professional and personal endeavors.
- Feel empowered to continue learning and exploring advanced topics in artificial intelligence.

Who should attend

Anyone with a keen interest in learning about artificial intelligence and its applications in various domains

Methodology

Slides, presentation, hand-on practical, discussion, case study, quiz and problem based learning

Program Outline

Day 1
Understanding Artificial Intelligence: Basics and Terminology <ul style="list-style-type: none">● Introduction to artificial intelligence and its core concepts● Overview of key terminology, including machine learning, neural networks, and algorithms● Exploring the role of AI in everyday life and its impact on various industries
Real-World Applications of AI <ul style="list-style-type: none">● Case studies showcasing AI applications in healthcare, finance, marketing, and more● Discussion on the benefits and challenges of implementing AI solutions in different contexts
Ethical Considerations in AI <ul style="list-style-type: none">● Examining ethical dilemmas and societal implications associated with AI technologies● Identifying strategies for responsible AI development and deployment
Practical Insights: Exploring AI Tools and Techniques <ul style="list-style-type: none">● Hands-on exploration of AI platforms and software tools● Demonstrations of basic AI techniques, such as image recognition and natural language processing
Empowering the Future with AI <ul style="list-style-type: none">● Opportunities for individuals and organizations to harness the power of AI for innovation and growth● Tips for continuous learning and professional development in the field of artificial intelligence