

# AI & Robotics: Executive Insights

Course Duration: 08 hours (1 day)

The course will cover the following objectives:

- Introduction to AI, RPA, and Robotics
- Deep Dive into Artificial Intelligence
- Exploring RPA and Its Business Impacts
- Robotics and Its Future

## Chapter 01: Overview of AI, RPA, and Robotics

- Definitions and scope
- Historical context and evolution
- Key concepts and terminologies

## Chapter 02: Current State of the Art in AI, RPA, and Robotics

- Latest technologies and tools
- Major players and industry landscape
- Recent breakthroughs and innovations

## Chapter 03: Fundamentals of AI

- Machine Learning and Deep Learning
- Natural Language Processing
- Computer Vision and Speech Recognition

## Chapter 04: AI in Practice with Case Studies

- Real-world applications and success stories
- Challenges and ethical considerations
- AI's impact on business and society

## Chapter 05: Understanding RPA

- How RPA works
- Different RPA tools and its working

## Chapter 06: RPA Implementation and Case Studies

- Best practices for RPA deployment
- Case studies showcasing RPA in various industries
- Measuring the impact and ROI of RPA

## Chapter 07: Robotics Technology

- Types of robots and their functionalities
- Robotics in manufacturing, healthcare, and other sectors
- Advances in robotics: AI integration, autonomy, etc.
- Ethical considerations and societal impact

