



# Certified Lead Implementer in Enterprise AI

## INTRODUCTION

**DURATION: 4 DAYS**

In many industries, artificial intelligence has a wide range of uses. In fact, most of us interact with artificial intelligence in some form or another on a daily basis. From the mundane to the breath-taking, artificial intelligence is already disrupting virtually every business process in every industry. Artificial intelligence has revolutionized the newspaper industry in numerous ways. With the rapid growth of digital journalism and the need for personalized content, AI-powered algorithms are now being used to curate and recommend news articles tailored to individual readers' interests. This not only enhances user engagement but also helps publishers in retaining and attracting subscribers. Additionally, AI-driven tools are employed for content creation, enabling newsrooms to generate articles, reports, and even summaries faster than ever before. Automated fact-checking and data analysis have also become critical in ensuring the accuracy and reliability of news stories, improving the industry's overall credibility. In essence, AI is reshaping industries by making it more responsive, efficient, and adaptive to the changing demands of the digital era.

## COURSE OBJECTIVES

- To differentiate between human intelligence and artificial intelligence
- Learn the fundamental principles behind AI, including data, algorithms, and computing power
- To establish a structured framework outlining AI capabilities
- To evaluate an organization's AI readiness and maturity

## WHO SHOULD ATTEND?

- Transformation Manager, Human Resources, Finance, Strategic, Production Managers, Administration
- Managers, Executives & Administrators
- Basically, anyone that interested to understand Artificial Intelligence and learn how to develop AI strategi and implement an AI roadmap.

## PREREQUISITE

- Basic understanding of the concept of digital transformation.

## METHODOLOGY

- Interactive presentation, with illustrations (videos), group discussions and Lab session - hands-on/ practical session on conducting analytics and data visualisation.

**CONTACT US**

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# COURSE DETAIL

## DAY 1

### Session 1: What is Ai?

- Defining Ai
- The impact of Ai in Jobs
- A technological overview.

### Session 2: The History of Ai

- The Significance of Data.
- The Importance of Affordable Storage.
- The Function of Processors.
- The Connectivity Factor

### Session 3: Understanding Intelligence (Ai vs Humans)

- Discerning intelligence
- What about Computers?
- Looking at Human Intelligence
- Understanding the kinds of intelligence.

### Session 4: Human Thinking Vs Rational Processes

- Removing the misconception
- Ways to define Ai

### Session 5: A basic overview on how Ai Works

#### The Use of Data – Part 1

- Defining the Role of Data
- Using data everywhere

#### Algorithms – Part 2

- What is an Algorithm
- Algorithm and Data
- Role of Algorithms
- AI Algorithms

### Session 6: How does an Ai Learn what to do?

- A brief overview on Machine Learning, Deep Learning & Neural Network.
- How does it work?
- Supervised learning
- Unsupervised learning
- Which Algorithm to use?
- Discovering the Learning Machine.

## DAY 2

### Session 7: Ai Capability Framework. (What are your Ai capabilities?)

- Image Recognition
- Speech Recognition.
- Search
- Clustering
- Natural language Understanding

### Practical Session: Integrating Ai Framework

HRDcorp Claimable:



## Session 8: Related Technologies

- The Importance of Cloud.
- The Robotics Automation.
- IoT with Ai.

## Session 9: The use of Ai in organisations

- Enhancing Customer Service.
- Optimising Processes.
- Generating Insights
- An Ai user view.
- Practical Session: Case Study Question

## Session 10: Starting your journey (The STAR journey)

- Aligning with Business Strategy.
- Understanding Your Ai Ambitions.
- Assessing Your Ai Maturity
- Creating Your Ai Heat map.
- Developing the Ai Business case.
- Understanding Change Management.
- Developing Your Ai Roadmap
- Creating your Ai Strategy
- Practical Session: Aoi Heat Map & Developing Roadmap.

## Session 11: Challenges

- The Challenge of Poor Data.
- Understand the Lack of Transparency.
- The Challenge of Unintended Bias.
- Choosing the Wrong Technology
- Practical Session: Problem Solving

## DAY 3

## Session 12: Ai Maturity Level in Organisation

- 5 key data points are used to determine the organization's AI maturity
- Key hurdles to achieving high AI maturity.
- Conducting a Ai assessment.

## Practical Session: Analytic using Power Bi or others. Lesson

## Session 13: Moving Forward with Ai

- New Opportunities.
- Future Proofing Your Business

## DAY 4

Exam – Multiple Choice Questions and Project – 3 hours

Endorsed by:



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