

Al Fundamentals and Digital Transformation

Venue Information

Venue: London UK

Place:

Start Date: 2025-10-20 **End Date:** 2025-10-24

Course Details

Net Fee: £4750.00 Duration: 1 Week

Category ID: CACETC

Course Code: CACETC-69

Syllabus

Course Overview

This course introduces the core concepts of AI and its integration with digital transformation strategies in construction. It lays a strong foundation for understanding data-driven workflows and intelligent support systems.

Learning Objectives

- Understand the fundamentals of AI, ML, and data science.
- Explore the impact of AI in transforming the construction sector.
- Analyze how to develop data strategies and leverage them effectively.

www.skilllinx.co.uk Page 1 of 3

Prerequisites
Basic digital literacy and understanding of construction operations.
Course Duration
5 Days (Theoretical and Strategic Concepts)
Daily Course Breakdown
Day 1
Gain a strong introduction to AI and ML in the context of construction. Understand the foundational changes digital transformation is bringing to the industry.
Day 2
Explore the fundamentals of data science and how data strategies are implemented in construction enterprises to support innovation.
Day 3
Learn how AI aids intelligent decision-making through algorithms and real-time analytics tailored for construction needs.
Day 4

www.skilllinx.co.uk Page 2 of 3

Day 5

Examine strategic implementation through project examples, and explore future paths of Al-enabled evolution in construction practices.

www.skilllinx.co.uk Page 3 of 3