

Digital Twin Training

COURSE CONTENT

GET IN TOUCH



Multisoft Systems
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.com

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

Digital Twin technology is revolutionizing industries by creating virtual replicas of physical assets, processes, or systems. Multisoft Systems offers a comprehensive overview of Digital Twins through their specialized training programs. In this training, participants will delve into the core concepts of Digital Twins, understanding how they facilitate real-time monitoring, predictive maintenance, and simulation of physical assets.

Module 1: Introduction to Digital Twin

- ✓ What is Digital Twin?
- ✓ Digital Uses and Benefits
- ✓ Need for Digital Twins
- ✓ How Digital Twin Works?

Module 2: Digital Twin-Digital Thread and Digital Shadow

- ✓ What is the Digital Thread?
- ✓ Where Did the Digital Thread Come from?
- ✓ Digital Thread Provides a Framework for Communication
- ✓ Benefits of the Digital Thread

Module 3: Digital Twin Building Blocks

- ✓ Building Blocks of Digital Twin
- ✓ Digital Twin Technology Drivers and Enablers
- ✓ Physics-Based Modelling
- ✓ Data-Driven Modelling
- ✓ Big Data Cybernetics: Art of Steering
- ✓ Infrastructure and Platforms
- ✓ Human-Machine Interface

Module 4: Types of Digital Twin

- ✓ Based on Product and Process
- ✓ Based on Functionality
- ✓ Based on Maturity

Module 5: Development Considerations

- ✓ Overview of Data
- ✓ Modelling Environment

Module 6: Model and Data Management

- ✓ Introduction to Model

Module 7: Digital Twin-Industrial Possibilities

- ✓ Digital Twin in Manufacturing
- ✓ Digital Twin in Automotive
- ✓ Digital Twin in Healthcare
- ✓ Digital Twin in Utilities
- ✓ Digital Twin in Construction