AI and automation deploying in ODA

overview

(Course code - ODF-1501)

Establish a foundation for managing Artificial Intelligence (AI) implementations within the telecoms industry—the future for managing 5G networks, improving business agility and time-to-market using the Open Digital Architecture (ODA).

TM Forum's AI and Automation - Deploying in ODA Overview course is an essential first step in establishing your understanding of how AI is changing the telecoms industry and how it relates to the ODA.

The course takes you through the basic terminology and features of AI, including the key application areas within telecoms, aspects and challenges of managing an AI project at scale, and some associated tools and models defined by TM Forum's Open Digital Architecture to help manage the road to successful AI rollouts.

You will understand what AI is, what it can do in various areas of a telecoms business and review the case-studies, demonstrating the value that organizations have realized by using AI.

Format: Online

Level: Overview

Duration: 1 day

Pre-requisites:
There are no immediate pre-requisites for this course however it is highly recommended that the following is considered due to the general Open Digital Framework references and topics made throughout the course.

• Open Digital Framework Overview ODF-1001

what will you learn?

Upon completion of this course you will be able to:

• Recall the difference between AI and Automation and why service providers need to implement them.
• Identify important areas which may affect the successful implementation of an AI strategy.
• Define some of the terminology and how the various TM Forum projects help relate to implementing AI in a network.
• Identify the key challenges and considerations for managing AI implementations at scale.
• Discuss the key areas or topics related to implementing AI at scale in a telecoms network.

who should attend?

• Anyone involved in selecting, supporting or managing an AI Project.
• Anyone tasked with ensuring AI projects within telecoms deliver value to the business.
• Technical staff - as a foundation course before taking further TM Forum AI training.
• Sales and marketing staff - to understand the benefits that AI can bring to your products and services.
• Managers who want to understand AI principles to incorporate them into transformation projects.
• Staff involved in procurement requests or responses - to learn and understand the benefits of applying AI principles to these documents.

course
certification:

A course attendance certificate is issued on satisfactory completion of the course. There is a knowledge certification exam also associated with the course material. Passing this exam counts toward Skill certification with TM Forum. Find out more about certification tracks **here**.

This course will be the starting point for all **www.tmforum.org/training-certification/skill-certifications** our proposed AI skill paths including Autonomous Networks, Closed Loop and AIOps.

what to take
next?

- Intent Driven Autonomous Networks (AN) Fundamentals
  ODF-2503
- Artificial intelligence Operations (AIOps) Fundamentals
  ODF-2504
- AI Closed-Loop Management Architecture Fundamentals
  ODF-2505

course
syllabus

MODULE 1

Why AI and automation? And why now?

MODULE 2

Aspects of AI governance

MODULE 3

AIOps introduction

MODULE 4

What is closed loop anomaly detection and resolution?

MODULE 5

Review of data governance

MODULE 6

Autonomous networks introduction

Summary & next steps