

AI & Analytics with Microsoft Training

Course Duration: 24 Hours

Course Code: AIAM- MS-101

1. Course Overview

The **AI & Analytics with Microsoft Training** program is designed to equip learners with in-demand skills in Artificial Intelligence, Data Analytics, and cloud-based solutions using Microsoft tools. This course covers key concepts of data processing, machine learning, and business intelligence using platforms like Azure, Power BI, and AI services.

2. What You'll Learn

- Fundamentals of Artificial Intelligence and Data Analytics
- Working with Microsoft Azure AI services
- Data visualization using Power BI
- Machine Learning model creation and deployment
- Data processing and transformation techniques
- Real-time analytics and business insights
- Integration of AI solutions into business applications

3. Target Audience

- Data Analysts and Business Analysts
- IT Professionals and Developers
- Freshers interested in AI & Analytics
- Digital Marketers exploring data-driven strategies
- Managers and decision-makers looking to leverage data insights

4. Pre-Requisites

- Basic understanding of computers and internet
- Fundamental knowledge of data (optional but helpful)
- Basic Excel knowledge
- No prior coding experience required (beginner-friendly)

5. Course Content

Module 1: Introduction to AI & Analytics

- Basics of AI, ML, and Data Analytics
- Overview of Microsoft AI ecosystem

Module 2: Azure Fundamentals

- Introduction to Azure
- Azure AI services and tools

Module 3: Data Analytics with Power BI

- Data import and transformation
- Dashboard creation and visualization
- DAX basics

Module 4: Machine Learning Basics

- ML concepts and lifecycle
- Building models using Azure ML

Module 5: AI Services

- Computer Vision
- Natural Language Processing (NLP)
- Chatbots and Cognitive Services

Module 6: Real-World Projects

- Business case studies
- AI-powered analytics solutions

