Create a Data-Driven Strategy: Build a Unified Data Ecosystem with Microsoft Fabric and Synapse Analytics Training

COURSE CONTENT

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

Enhance your data strategy by mastering Microsoft Fabric and Synapse Analytics with Multisoft Systems' specialized training program. This course is designed to equip data professionals, analysts, and business leaders with the knowledge and skills required to build a unified data ecosystem that streamlines data integration, management, and analysis.

Module 1: Introduction

Module 2: Why Data-Driven Strategies Matter for Non-Profits

- ✓ Improving decision-making
- ✓ Enhancing donor engagement and fundraising
- ✓ Measuring and reporting impact effectively

Module 3: Overview of Microsoft Tools

- ✓ Introduction to Microsoft Fabric
- ✓ Understanding Microsoft Fabric
- ✓ Key Components:

▪ Lakehouse architecture

▪ Fabric Pipelines, Dataflows, and Spark

▪ Fabric Data Warehouse

▪ Real-Time Intelligence

- ✓ Azure Synapse Analytics for Advanced Analytics
- ✓ Overview of Azure Synapse Analytics
- ✓ Key Features:

▪ Unified analytics service for data integration, warehousing, and big data

▪ On-demand querying and serverless architecture

▪ Integration with Microsoft Fabric for seamless data access

- ✓ Azure AI Foundry (Brief Overview)
- ✓ Introduction to Azure AI Foundry

✓ Key Features:

▪ Model development and management

▪ Integration with Microsoft Fabric for AI-driven insights

Module 4: Building a Unified Data Ecosystem

✓ Data Integration with Microsoft Fabric

✓ Connect disparate data sources

✓ Create a centralized data lake for analytics

✓ Advanced Analytics with Azure Synapse Analytics

✓ Perform large-scale data processing and analytics

✓ Enable real-time insights and reporting

✓ Leveraging AI for Non-Profit Impact

✓ Use AI to analyze behavior and patterns, predict outcomes, and optimize programs

✓ Automate repetitive tasks

✓ Visualization and Reporting with Power BI

✓ Create dashboards to track key metrics

✓ Share insights with stakeholders