PL-900T00: Microsoft Power Platform Fundamentals

Duration: 8 Hours (1 Day)

Overview

The Microsoft Power Platform Fundamentals course is designed to introduce learners to the comprehensive capabilities of the Microsoft Power Platform. It offers insights into how this integrated platform empowers users to automate business processes, analyze data, and create no-code or low-code apps rapidly. Business professionals and aspiring developers can leverage this course to understand the platform's value in driving innovation and efficiency.Through a series of modules, participants will explore the business value of the Power Platform and its core components, including Microsoft Dataverse, Power Apps, Power Automate, Power BI, and complementary solutions like Power Virtual Agents and AI Builder. The course provides practical experience in building apps, setting up automations, and creating insightful dashboards with Power BI. Learners will come away with foundational knowledge and hands-on experience that can be applied to real-world scenarios, enhancing their ability to contribute to their organization's digital transformation efforts.

Audience Profile

The Microsoft Power Platform Fundamentals course provides a comprehensive introduction to the Power Platform, ideal for professionals seeking to leverage Microsoft's suite for business solutions.

- Target Audience for the Microsoft Power Platform Fundamentals Course:
- Business Analysts
- Data Analysts
- IT Professionals
- Application Developers
- Power Platform Developers
- Solution Architects
- Functional Consultants
- Technical Consultants
- Process Automation Specialists
- Data Scientists (with interest in application integration)
- System Administrators
- Database Administrators looking to expand their skill set
- Non-technical business users aiming to build custom applications without coding
- Project Managers overseeing technology implementation projects
- Professionals interested in digital transformation within organizations

Course Syllabus

Module: Describe the business value of Microsoft Power Platform

- Microsoft Power Platform Overview

Module: Identify foundational components of Microsoft Power Platform

- Microsoft Dataverse overview Technologies used in lesson:
- Power Platform admin center

- Dataverse

Lab: Setup environment Data Modeling

Module: Describe building apps with Power Apps

- Introduction to Power Apps Technologies used in lesson:
- Power Apps
- How to build a canvas app Technologies used in lesson:
- Power Apps
- How to build a model-driven app Technologies used in lesson:
- Power Apps

Labs: How to build a canvas app How to build a model-driven app

Module: Describe building automation with Power Automate

- Power Automate overview
- How to Build an Automated Solution Technologies used in lesson:
- Power Automate

Lab: How to build an automated solution

Module: Describe the capabilities of Power BI

- Power BI overview
- How to Build a Simple Dashboard Technologies used in lesson:
- Power BI

Lab: How to build a simple dashboard

Module: Describe complementary Power Platform solutions

- How to Build a Simple Dashboard Technologies used in lesson:
- Power Virtual Agent
- Power Page
- AI Builder