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## Microsoft Power Platform Fundamentals

**Duration: 1 Day**    **Course Code: M-PL900**

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### Overview:

Learn the business value and product capabilities of Power Platform. Create a simple PowerApp, connect data with CDS, build a Power BI Dashboard, and automate a process with Microsoft Flow.

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### Target Audience:

Candidates for this exam are users who aspire to improve productivity by automating business processes, analyzing data to produce business insights, and acting more effectively by creating simple app experiences.

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### Objectives:

- After completing this course, students will be able to:
  - Describe the Power Platform components: Power Apps, Power BI and Microsoft Automate
  - Describe the Power Platform components: Common Data Service, Connectors and AI builder
  - Describe cross-cloud scenarios across M365, Dynamics 365, Microsoft Azure and 3rd party services
  - Identify benefits and capabilities of Power Platform
  - Identify the basic functionality and business value Power Platform components
  - Implement simple solutions with Microsoft Automate, Power BI, and Power Apps
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## Content:

### Module 1: Introduction to Power Platform

Learn about the components of Power Platform, ways to connect data, and how organizations can leverage this technology to

#### Lessons

- Power Platform Overview
- Power Apps Overview
- How to Build an App Solution
- Create Staff Canvas App
- Complete the App
- Common Data Service Overview
- Module Summary
- Power Automate Overview
- How to Build an Automated Solution
- Power BI Overview
- How to Build a Simple Dashboard

- Identify when to use each Power Platform component application to create business solutions
- Learn the value of using Power Platform to create business solutions
- Learn the components and features of Power Platform

### Module 2: Get Started with Power Apps

Learn about the value and capabilities of PowerApps, and ways other organizations have leverage this technology to build simple applications for their business.

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Lab : How to Build a Basic Canvas App 2

- Learn how other organizations digitize their processes using Power Apps
- See Power Apps in action and learn options for making your first app
- Learn about what Power Apps is and its business value

### Module 3: Introduction to Common Data Service

The Common Data Service allows you to delve into powerful, scalable data solutions in the cloud. Learn what makes the Common Data Service tick and how it can work with the Power Platform to create unique and efficient business solutions.

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#### Lab : Data Modeling

- Create Environment and Solution
- Create Entities and Relationships

- Describe the difference between Common Data Service and Common Data Model
- Explain use cases and limitations of business rules and process flows
- Explain what environments, entities, fields, and relationships are in common data service

### Module 4: Get Started with Power Automate

Learn how users can leverage Power Automate to improve business efficiency and productivity.

#### Lessons

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- How to Build a Simple Dashboard

#### Lab : Build a Simple Flow

- Create Visit Notification Flow

- See how Power Automate works and looks from the user's perspective
- Build a simple flow
- Learn the business value and features of Power Automate

### Module 5: Get Started with Power BI

Learn how organizations can use Power BI to easily clean, display, and understand data to ensure better informed decisions.

#### Lessons

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- How to Build an Automated Solution
- Power BI Overview
- How to Build a Simple Dashboard

#### Lab : Build a Power BI Report

After completing this module, students will be able to:

- See how Power BI works and looks from the user's perspective
- Learn how to build a simple Power BI dashboard
- Describe the business value and features of Power BI

## Further Information:

For More information, or to book your course, please call us on Head Office Tel.: +974 40316639

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