PL-100T00: Microsoft Power Platform App Maker

Course Duration: 24 Hours (1 Day)

Overview

The PL-100T00: Microsoft Power Platform App Maker course is designed to empower learners to build business solutions by harnessing the capabilities of the Power Platform. This comprehensive course covers Creating apps with different functionalities, automating workflows, generating analytics reports, and leveraging artificial intelligence without the need for extensive coding knowledge. Starting with an introduction to Power Platform, learners will understand the various components and features that make up the Power Platform ecosystem. They will delve into creating both model-driven and Canvas apps in Power Apps, understanding the Common Data Service, and optimizing app design for the best user experience. Learners will also explore Power Automate to automate business processes, creating seamless flows that increase efficiency. The course includes modules on Power BI, where learners will get hands-on experience creating and using analytics reports to derive insights from data. Lastly, the course introduces AI Builder and Power Virtual Agents, offering insights into building AI models and chatbots, adding advanced capabilities to the solutions learners create. This course is ideal for those looking to become proficient app makers and harness the full potential of the Microsoft Power Platform to solve real-world business challenges.

Audience Profile

The PL-100T00 course empowers professionals to build apps and automate workflows using Microsoft Power Platform. Target Audience for PL-100T00: Microsoft Power Platform App Maker:

- Business Analysts
- Data Analysts
- IT Professionals looking to develop low-code solutions
- Process Developers
- Solution Architects
- Power Users who aspire to create automation within their organization
- Functional Consultants
- App Makers who want to leverage Microsoft Power Platform
- Innovation Leads looking to streamline business processes
- Technical Sales Professionals
- Individuals preparing for the Microsoft Power Platform App Maker certification

Course Syllabus

Day 1

Course Introduction slide deck

(Time may vary due to the number of student introductions in each course)

Lab introduction

- **Lab 0**: Validate lab environment
- **Suggestion**: Walking students through accessing the lab environments following the leader style can greatly reduce the time the exercise takes and problems students may encounter.
- **LP1**: Intro to Microsoft Power Platform
- Break
- **LP2:** Introduction to Microsoft Data verse
- **Lab 2.1**: Build a data model in Microsoft Data verse
- **LP3:** Microsoft Data Verse for Teams
- Lunch
- **LP 4**: Create a model-driven app in Power Apps
- Break
- **Lab 4.1**: Work with forms & views
- **Lab 4.2**: Compose a model-driven app
- **Lab 4.3**: Import data
- **Lab 4.4:** Create business process flows and business rules
- **Note:** If you are pressed for time, you could use this lab as a bonus activityfor students who are faster.
- Daily wrap up

Day 2

- Day 1 recap & Day 2 overview
- **LP 5**: Create canvas apps in Power Apps
- Break
- **Lab 5.1:** Build canvas apps
- **Suggestion:** Walk through the (components' exercise) with students, follow the leader style. Note: there is a bonus exercise at the end. This is optional for students that have time).
- **LP 6:** Automate a business process using Power Automate
- Lunch
- **Lab 6.1:** Create Power Automate flows
- **LP 7:** Create and use analytics in Power BI
- Break

- **Lab 7.1:** Build Power BI dashboards
- **LP 8:** Get started with AI Builder
- **Lab 8.1**: Test & deploy
- **Daily wrap up**

Day 3

- Applied Workshop (Including breaks)
- **Note 1:** The class may need some extra time to finish up labs. Feel free to use the first hour or two of class to allow them to wrap them up. Remember to condense the Applied Workshop phases accordingly, so they still have time to share their solutions.
- **Note 2:** Based on the size and skill level of your class, you may not need the full eight hours. Check in with students at regular intervals and see were they are in the exercise. You can also start the presentations early