PL-200T00: Microsoft Power Platform Functional Consultant

Course Content

Course Description:

The Power Platform empowers organizations to automate business processes, develop their own rich app experiences, and connect with customers better and faster. In this course, students will learn to perform discovery, capture requirements, engage subject matter experts and stakeholders, translate requirements, and configure Power Platform solutions and apps. They will supplement their learnings with hands-on labs to create application enhancements, custom user experiences, system integrations, data conversions, custom process automation, and custom visualizations. Power Platform is comprised of four key products: Power Apps, Power Automate, Power BI, and Power Virtual Agents. In this course, we will cover these four applications in depth, with additional focus on Microsoft Dataverse (formerly Common Data Service), AI Builder, connectors, and portals.

At Course Completion:

Students will be able to:

- Work with an organization to gather requirements and implement Power Platform solutions
- Build model-driven, canvas, and portal apps
- Create Power Automate flows
- Design a simple chatbot using Power Virtual Agents
- Analyze data using Power BI visualizations and dashboards

Prerequisites:

- Experience as an IT professional or student
- Working knowledge of the Power Platform and its key components
- A knowledge of Microsoft Dataverse (or general data modeling) and security concepts

Target Student:

A Power Platform Functional Consultant is responsible for performing discovery, capturing requirements, engaging subject matter experts and stakeholders, translating requirements, and configuring Power Platform solutions and apps. The Functional Consultant implements components of a solution that include application enhancements, custom user experiences, system integrations, data conversions, custom process automation, and custom visualizations.

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Course ID #: 7000-497-ZZ-Z

Hours: 35

Topics:

Module 1: Introduction to the Power Platform
- Power Platform overview

Lab : Validate lab environment

Module 2: The Functional Consultant role
- Consultant skills overview
- Create and validate documentation
- Engage stakeholders
- Perform quality assurance
- Configure integrations

Module 3: Work with Dataverse
- Work with the data model
- Create and manage processes
- Work with AI Builder
- Configure Dataverse settings
- Import and export data
- Use tabular reporting options
- Configure security settings

Lab : Create an app
Lab : Create tables and columns
Lab : Create relationships
Lab : Additional table options

Module 4: Make Power Apps
- Make model-driven apps
- Make canvas apps
- Make portal apps

Lab : App designer
Lab : Modify forms
Lab : Modify views
Lab : Build dashboards
Lab : Canvas app fundamentals
Lab : Work with data and services
Lab : User experience

Module 5: Build Power Automate flows
Lab : Create users
Lab : Create security role
Lab : Configure a new business rule
Lab : Advanced business rules
Lab : Create a flow
Lab : Build approval flow
Lab : Build a business process flow
Lab : Add branching to business process flow

Module 6: Work with Power Virtual Agents
- Create a chatbot
- Configure topics
- Automate and integrate
- Configure entities
- Test and publish chatbots

Module 7: Analyze data with Power BI
- Get started with Power BI
- Model data in Power BI
- Create visualizations
- Create dashboards
- Publish and share in Power BI

Lab : Build a Word template
Lab : Build an Excel template
Lab : Duplicate detection
Lab : Import data
Lab : Export data
Lab : Bulk delete