PL-200T00: Microsoft Power Platform Functional Consultant

Days: 5

Description: This course will teach you to use Microsoft Power Platform solutions to simplify, automate, and empower business processes for organizations in the role of a Functional Consultant. A Microsoft Power Platform Functional Consultant is responsible for creating and configuring apps, automations, and solutions. They act as the liaison between users and the implementation team. The functional consultant promotes utilization of solutions within an organization. The functional consultant may perform discovery, engage subject matter experts and stakeholders, capture requirements, and map requirements to features. They implement components of a solution including application enhancements, custom user experiences, system integrations, data conversions, custom process automation, and simple visualizations. This course may contain a 1-day Applied Workshop. This workshop will allow you to practice your Functional Consultant skills by creating an end-to-end solution to solve a problem for a fictitious company. The solution will include a Microsoft Dataverse database, Power Apps canvas app, and Power Automate flows.

Prerequisites: Attendees in this course should have experience with Power Platform at the level of Microsoft Power Platform Fundamentals Training (PL-900), and:

- Experience as an IT professional or student.

- Working knowledge of Microsoft Power Platform and its key components.

- Knowledge of Microsoft Dataverse (or general data modeling) and security concepts.

Audience: A Microsoft Power Platform Functional Consultant is responsible for creating and configuring apps, automations, and solutions. They act as the liaison between users and the implementation team. The functional consultant promotes utilization of solutions within an organization. The functional consultant may perform discovery, engage subject matter experts and stakeholders, capture requirements, and map requirements to features. They implement components of a solution including application enhancements, custom user experiences, system integrations, data conversions, custom process automation, and simple visualizations.

OUTLINE:

MODULE 1: DESCRIBE THE BUSINESS VALUE OF THE MICROSOFT POWER PLATFORM

MODULE 2: IDENTIFY FOUNDATIONAL COMPONENTS OF MICROSOFT POWER PLATFORM

MODULE 3: CREATE AND MANAGE ENVIRONMENTS IN DATAVERSE

MODULE 4: CREATE TABLES IN DATAVERSE

MODULE 5: CREATE AND MANAGE COLUMNS WITHIN A TABLE IN DATAVERSE

MODULE 6: WORKING WITH CHOICES IN DATAVERSE

MODULE 7: CREATE A RELATIONSHIP BETWEEN TABLES IN DATAVERSE

MODULE 8: CREATE AND DEFINE CALCULATION OR ROLLUP COLUMNS IN DATAVERSE

MODULE 9: LOAD/EXPORT DATA AND CREATE DATA VIEWS IN DATAVERSE

MODULE 10: GET STARTED WITH SECURITY ROLES IN DATAVERSE

MODULE 11: USE ADMINISTRATION OPTIONS FOR DATAVERSE

MODULE 12: HOW TO BUILD YOUR FIRST MODEL-DRIVEN APP WITH DATAVERSE

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MODULE 13: GET STARTED WITH MODEL-DRIVEN APPS IN POWER APPS

MODULE 14: CONFIGURE FORMS, CHARTS, AND DASHBOARDS IN MODEL-DRIVEN APPS

MODULE 15: USE SPECIALIZED COMPONENTS IN A MODEL-DRIVEN FORM

MODULE 16: CUSTOMIZE THE COMMAND BAR

MODULE 17: GET STARTED WITH POWER APPS CANVAS APPS

MODULE 18: CUSTOMIZE A CANVAS APP IN POWER APPS

MODULE 19: NAVIGATION IN A CANVAS APP IN POWER APPS

MODULE 20: CREATE FORMULAS TO CHANGE BEHAVIORS IN A POWER APPS CANVAS APP

MODULE 21: CONNECT TO OTHER DATA IN A POWER APPS CANVAS APP

MODULE 22: INTRODUCTION TO POWER APPS CARDS

MODULE 23: CORE COMPONENTS OF POWER PAGES

MODULE 24: ACCESS DATAVERSE IN POWER PAGES WEBSITES

MODULE 25: EXPLORE POWER PAGES DESIGN STUDIO

MODULE 26: INTEGRATE POWER PAGES WEBSITES WITH DATAVERSE

MODULE 27: INTEGRATE POWER PAGES WITH WEB-BASED TECHNOLOGIES

MODULE 28: EXPLORE POWER PAGES DESIGN STUDIO DATA AND SECURITY FEATURES

MODULE 29: SET UP POWER PAGES SECURITY

MODULE 30: AUTHENTICATION AND USER MANAGEMENT IN POWER PAGES

MODULE 31: BEST PRACTICES FOR ERROR HANDLING IN POWER AUTOMATE FLOWS

MODULE 32: USE DATAVERSE TRIGGERS AND ACTIONS IN POWER AUTOMATE

MODULE 33: INTRODUCTION TO EXPRESSIONS IN POWER AUTOMATE

MODULE 34: DEFINE AND CREATE BUSINESS RULES IN DATAVERSE

MODULE 35: SET UP LOW-CODE PLUG-INS

MODULE 36: USE COMMON LOW-CODE PLUG-IN SCENARIOS

MODULE 37: GET STARTED BUILDING WITH POWER BI

MODULE 38: INTRODUCTION TO SOLUTIONS FOR MICROSOFT POWER PLATFORM

MODULE 39: USE MICROSOFT 365 SERVICES WITH MODEL-DRIVEN APPS AND MICROSOFT DATAVERSE

MODULE 40: USE MICROSOFT WORD AND EXCEL TEMPLATES WITH DATAVERSE

LEARNING PATH: VALIDATE YOUR POWER PLATFORM FUNCTIONAL CONSULTANT SKILLS