Activate – Power Platform Low Code

Proof of Concept

Duration: 3 days
Difficulty Level: 100 Basic to 400 - Advanced

Overview

With the rise of digital transformation, a low-code/no-code development platform which anyone can use to rapidly develop new applications is a major way your company can adapt and prosper. This low-code/no-code approach also guides makers to take advantage of the optimized patterns and best practices, avoiding the potential pitfalls and antipatterns that are observed in a complex code. With our diverse feature set in Power Platform Low Code you can choose from the following modules, choose one of the following:

- Power Platform: Business Applications Modernization Hackathon
- Activate - Power Platform: Power Pages
- Activate – Power Platform: ALM with Dataverse
- Activate – Power Platform Low Code – Embark (1 Day or 2 Days)
- Activate - Power Platform Low Code - Designing a tenant

Objectives

• Learn about the tools & technologies used for extending and building applications using the Low Code/No-Code platform.

Outcomes

Gain an understanding into the tools & technologies used for extending and building applications using the Low Code/No-Code platform.

Methodology

Learn by example

Work closely with a Microsoft engineer to learn key concepts and best practices to enable a real-world deployment scenario.

Hands-on

Work with a Microsoft engineer to set up Power Platform features

Scope

1. The scope is limited to working within one Power Platform environment
2. Delivery will be scoped to one of the below modules (See below for more details).

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Delivery Outline

	Power Platform: Business Applications Modernization Hackathon
Description	Collaborate with technical experts to design and build proof of concepts to modernize or reimagine existing business applications and processes that use Dynamics 365 or Dataverse. Customers can expect to leverage low code capabilities of the Power Platform to maximize ROI and rapidly deliver cross platform solutions utilizing Power Apps/Power Automate , Power Virtual Agents , AI Builder , Dataverse , Custom Connectors , and Azure.
Duration and Level	• 3 Days • Level 300
Detailed Agenda	**Day 1 - Ideation and Envisioning Sessions** Business unit representatives and the workshop attendees come together to define current challenges and envision solutions using Power Platform in Microsoft-driven ideation sessions. **Day 2 and 3 – Hackathon / Develop Proof of Concept(s)** Microsoft experts advise as participants collaborate on developing proof of concept(s) for the scenario(s) identified and scoped in Day 1.
Participants	Makers and Developers, Administrators
Skill Requirements	• Competency with building Power Apps and Power Automate components. • Fundamental understanding of requirement defining and planning. • Basic knowledge of all components within the solution stack including Dataverse.
Delivery Requirements	▪ On-site classroom or open office setting ▪ 1-2 ideas of processes in need of modernization, understanding of supporting technologies for current processes ▪ Collaboration tools such as Microsoft Teams ▪ Design tools such as Microsoft Whiteboard ▪ Documentation tools such as Microsoft Word ▪ Teams of 1-4 participants per proof-of-concept ▪ No more than 2 proof-of-concepts

Note: Advanced lessons can be replaced with any other lessons.

For more information: Please contact your Microsoft Representative for more details.

Microsoft

Activate - Power Platform Low Code – Embark (1 Day/2 Days)	
Description	The Power Platform Embark VBD Offering is a systematic approach to assessing a customer's Power Platform Adoption Maturity. Through the carryout of either the basic, or extended version of this offering, customer maturity will be assessed and discussed in the following low-code platform areas: • Power Platform – Strategy, Vision, and Business Value • Power Platform – Administration, Governance, and Support • Power Platform – Nurture and Adoption
Duration and Level	• 1 - 2 Days • Level 200
Detailed Agenda	**Action 1:** Assess Platform Maturity As defined in this offering, there are 2 potential activities that can be completed to perform the initial assessment of customer maturity: • Carryout of the [Power Platform Adoption Assessment](#) (survey based activity); and • Carryout of the Success Planning Workshop Note: • For the basic (1 day) delivery, only the Power Platform Adoption Assessment component should be delivered. • For the Extended (2 day) delivery of the VBD, both the Adoption Assessment & the Success Planning Workshop should be carried out. **Action 2**: Report on assessment findings After completion of the assessment, the findings of the assessment will be aggregated and reported. **Action 3:** creating an actionable roadmap of next steps After reporting the findings of the assessment, the team will work to build out a roadmap of actionable tasks that should be completed to progress maturity with the platform. This roadmap will identify what actions will be carried out by the customer, which will be supported by Microsoft, and which will be supported by partners. How activities will be funded and what the timeline for completion might look like should also be discussed.
Participants	• Security • Power Platform Administration Team • IT Support & Development teams • Executive Leadership Sponsor(s) • LOB Power Platform Champion(s)
Skill Requirements	• Participants are expected to understand the processes for their area of expertise that affect the company's Power Platform adoption.
Delivery Requirements	Primary aim is to foster healthy discussion with company members by highlighting common priorities and goals for the Power Platform adoption journey.

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Activate – Power Platform: ALM with Dataverse	
Description	This engagement is designed to provide key knowledge and skills to teams who are in the early phases of ALM adoption for Power Platform. You will participate in presentations, demos, and hands-on labs to learn the importance of continuous delivery and the value it brings to an organization. You will also learn the core principles of ALM and the benefits of implementing a healthy ALM process. You will gain practical, applied experience.
Duration and Level	• 3 Days • Level 400
Detailed Agenda	**Day 1** • Introduction to DevOps • Model-driven app – Solution Fundamentals • Model-driven app – Continuous Integration • Azure DevOps/GitHub/Power Platform Pipelines for ALM • Model-driven app – Continuous Deployment **Day 2** • Working session to automate your deployment within your environment **Day 3** • Finish implementation • Troubleshooting
Participants	IT staff familiar with ALM for Power Platform
Skill Requirements	Experience with developing solutions for Dynamics 365 Customer Engagement — required. Experience with standard development concepts, such as version control and build pipelines — recommended. Experience with Azure DevOps or Visual Studio Team Services — helpful. A basic knowledge of Azure DevOps* or GitHub* — recommended. (Workshop activities will include using the technologies for storing and deploying Power Platform components.)
Delivery Requirements	Internet access with 1-Mbps bandwidth or greater per student. Visual Studio Code or Visual Studio Git for Windows

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Activate - Power Platform Low Code - Designing a tenant	
Description	This engagement is designed to help customers understand what tenant architecture is, what are its components and what crucial role it plays in the Power Platform ecosystem. It will also help customers to further expand their knowledge on what is environment strategy and how it ties up with customer's security and governance in place. Finally, customers get to learn what are DLP policies and how to best utilise them to secure connectors.
Duration and Level	• 1 Day • Level 300
Detailed Agenda	**Module 1: Tenant Architecture** • Validate Key Tenant Settings **Module 2: Establishing Environment Strategy** • What Lands Where: Resource Tiering and Environment Strategy (• Environment Design Best Practices • Capture Environment Strategy Requirements **Module 3: Environment Design Workshop** • Example Environment Patterns • Environment Design Workshop • Review & Adapt Environment Design **Module 4: Establishing DLP Strategy** • Aligning the DLP and Environment Strategy • Elevating DLP Policies (Connector Actions, Endpoint Controls) • Example DLP Policies by Environment Pattern • Review Current State (Identify Connectors in use by Environment) **Module 5: DLP Design Workshop** • Design or Re-Design Default DLP Policies • Best practices for connector review process • Walkthrough Creating Sample DLP Policy • Determining DLP Change Impact with the CoE Starter Kit: DLP Editor V2 **Closeout** • Recommendations to Address Change Impact of Environment and DLP Changes
Participants	• Power Platform Administrators • System administrators • Global admins • Infrastructure team
Skill and Delivery Requirements	Before attending this course, it is recommended that you do the following: • Have a Power Platform Per User licenses and Power BI Pro license assigned to user account • Have Power Platform Admin access associated with user account • Have the latest version of the CoE Starter Kit: Core Components installed • Be comfortable navigating the Power Platform Admin Center • Understand key concepts such as Power Platform Environments and Connectors

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Activate - Power Platform: Power Pages			
Description	This offering presents how to build your own Power Pages site. You will gain the knowledge and skills needed to set up a new Power Pages, configure Pages content, configure security, and administer the ages site.		
Duration and Level	• 3 Days • Level 300		
Detailed Agenda	**Day 1:** • Presentation with optional Labs. **Day 2:** • Identifying Business Requirements and scoping • Dataverse components. • Scoping Power Pages components. • Build out of Power Pages and Dataverse as time permits **Day 3:** • Build out of Power Pages and Dataverse. • Validating requirements, advanced customization		

Labs	• **Basic Form Metadata**
	  • Subgrids
	  • Attributes
	  • Timeline
	• **Lists**
	  • Filtering
	• **Liquid Templates**
	  • Data
	  • Styling
	  • Form Switching
		• **Authentication**
		  • Azure B2C
		  • Microsoft
		• **ALM**
		  • CLI end to end
		• **Power BI Embedded**
		• **Language and Localization**
			• **Deeper dive into security**
			  • Parent Child permissions
			• **Monitoring – App Insights**
			• **Dataverse Search**

Participants	• Roles include relevant IT staff and developers		
Skill Requirements	• Power Platform Pages 1-Day Workshop • Experience customizing the Power Platform • Experience working with Dataverse and Model Driven apps by modifying forms, fields, and views. • Experience creating, modifying and styling HTML.		
Delivery Requirements	• Computer with Windows 10 or later, audio equipment, internet access. Modern browser and at least 1 Mbps bandwidth per participant • Microsoft/Windows Live ID to connect to the virtual environment • Microsoft Teams for remote deliveries		

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