

PL-600

Power Platform Solution Architect

Contents:

Day 1

Module 1: Introduction and Becoming a Solution Architect

- Define Solution Architect
- Role of a Solution Architect on projects
- Project methodology
- Getting to know your customer

Module 2: Conceptualize the design

- How to lead the requirement collection effort
- Using fit gap analysis
- Pillars of good architecture
- Blueprinting the solution architecture

Module 3: Project governance and working as a team

- Discuss the Solution Architect's role in project governance.
- Discuss techniques for keeping a project on track
- Explore scenarios that could cause a project to fail

Module 4: Power Platform Architecture Overview

- Review the key Power Platform architecture components
- Understand how platform design and limits influence solution architectures
- Review how updates and feature releases are rolled out
- Understand how to communicate with the customer on how the platform meets their needs

Day 2

Module 5: Data Modeling

- Data model influences
- Data model strategy
- Data types

- Data relationships

Module 6: Analytics and Artificial Intelligence

- Planning and evaluating requirements
- Operational reporting
- Power BI
- Enterprise BI
- Pre-built insights and custom AI

Module 7: Power Apps Architecture

- Discuss options for apps and how to choose where to start
- Discuss app composition options
- Using components as part of your app architecture
- Considerations for including Portals as an app in your architecture

Module 8: Application Lifecycle Management (ALM)

- Microsoft vision and Solution Architect's role in ALM
- Environment strategies
- Defining a solution structure for your deliverable

Day 3

Module 9: Power Automate

- Discuss options for automation and custom logic
- Review considerations for using triggers and common actions
- Explore using Business Process Flows to guide users through business processes

Module 10: Security

- Solution Architect's role in security modeling
- Discovery and learning your client's environment
- Controlling access to environments and resources
- Controlling access to Microsoft Dataverse Data

Module 11: Integration

- Solution Architect's role
- What is integration and why do we need it
- Platform features that enable integration
- Microsoft Dataverse Event Publishing
- Scenarios for group discussion

Module 12: Dynamics 365 Applications Architecture

- Solution Architect's role when deploying Dynamics 365 apps
- Architecture considerations for primary apps

Day 4

Module 13: Power Virtual Agents Architecture

- Discuss options for chatbots
- Review key concepts and considerations for deploying Power Virtual Agents
- Integrating Power Virtual Agents with other services
- Power Virtual Agents in Microsoft Teams

Module 14: Robotic Process Automation

- Review the need for Robotic Process Automation
- Explore Power Automate Desktop
- Considerations for creating and running desktop flows
- Introduction to Process advisor

Module 15: Testing and Go Live

- Solution Architect's role with testing and go live
- Planning for testing
- Planning for go live

Note: Labs For Some Modules are available on Github:

<https://github.com/MicrosoftLearning/PL-600-Power-Platform-Solution-Architect/tree/master/Instructions/Labs>