



Microsoft Power Platform Solution Architect (PL-600)

Detalles del curso:

Duración: 24 horas

Modalidad: Videoconferencia

Información e inscripción:

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Introducción

The Solution Architect is responsible for the successful design, implementation, deployment and adoption of an overall solution. The Solution Architect ensures that the solution meets the customer's needs now and in the future. In this course, students will learn about decisions a Solution Architect makes during an implementation, covering security, integrations, Power Apps architecture, Power Automate architecture, and more.

¿A quién va dirigido?

Senior Consultants (both functional and technical) that aspire to be Solution Architects, or current Solution Architects that are new to the role.

Programa

1. Becoming a Solution Architect/Getting to know your customer

Lesson

- Define a Solution Architect
- Role of a Solution Architect on projects
- Project Methodology
- Getting to know your customer
- Group exercise - Getting to know your customer

2. Conceptualizing the design from requirements

Lesson

- How to lead the requirement collection effort
- Using fit gap analysis
- Pillars of good architecture
- Blueprinting the solution architecture
- Group exercise - Design from requirements

3. Project governance and working as a team

Lesson

- Solution Architect's role in project governance

- Techniques for keeping a project on track
- Scenarios that could cause a project to fail
- Group exercise - Project governance and working as a team

4. Microsoft Power Platform Architecture

Lesson

- Key Microsoft Power Platform architecture components
- Understand how platform design and limits influence solution architectures
- Updates and feature releases
- Understand how to communicate how the platform meets customer needs

5. Data Modeling

Lesson

- Data model influences
- Data model strategy
- Data types
- Data relationships
- Group exercise - Data modeling

6. Analytics and artificial intelligence

Lesson

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

7. Power Apps Architecture

Lesson

- 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
- Group exercise - Power Apps Architecture topics

8. Application Lifecycle Management (ALM)

Lesson

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

Lab : ALM Hands-on Lab

9. Power Automate Architecture

Lesson

- Discuss options for automation and custom logic
- Review considerations for using triggers and common actions
- Explore using Business Process Flows (BPF) to guide users through business processes
- Group Exercise - Evaluate scenarios for Power Automate usage

10. Security Modeling

Lesson

- Solution Architect's role in security modeling
- Discovery and learning your client's environment
- Controlling access to environments and resources
- Controlling access to CDS Data
- Group Exercise - Security Modeling

11. Integration

Lesson

- Solution Architects role in Integrations
- What is an integration and why do we need it
- Platform features that enable integration
- CDS Event Publishing
- Scenarios for group discussion

12. Dynamics 365 Applications Architecture

Lesson

- Solution Architect's role when deploying Dynamics 365 apps
- Architecture Considerations for primary apps
- Group Exercise - App specific working groups evaluate requirements

13. Power Virtual Agents architecture

Lesson

- Introduction
- Chatbot options
- Chatbot concepts
- Best practices
- Integrate chatbots
- Power Virtual Agents in Microsoft Teams

14. Robotic Process Automation

Lesson

- Introduction
- Power Automate Desktop
- Recording and editing tasks
- Running desktop flows
- Process advisor

15. Testing and Go Live

Lesson

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

Acreditado:

Microsoft **Imagine Academy**
Program Member

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