



# GTech Learn

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## Self-Paced Course

# PL-600-SP: Microsoft Power Platform Solution Architect

<b>Duration:</b> 18.5 Hours	<b>Level:</b> Advanced	<b>Role:</b> Solution Architect
<b>Certification:</b> Available	<b>Register:</b> <a href="#">Click Here</a>	<b>Instructor-Led:</b> <a href="#">Click Here</a>

### What's included?

- ✓ Learn from Microsoft Certified Trainer (MCT's)
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Business Applications

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## Overview

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. This course is designed to give you an introduction to the Solution Architect role.

## Audience Profile

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

## Contents

### Module 1: Becoming a Solution Architect/Getting to know your customer

#### Lessons

- 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

### Module 2: Conceptualizing the design from requirements

#### Lessons

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

### Module 3: Project governance and working as a team

#### Lessons

- 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

### Module 4: Microsoft Power Platform Architecture

#### Lessons

- 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

## **Module 5: Data Modeling**

### **Lessons**

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

## **Module 6: Analytics and artificial intelligence**

### **Lessons**

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

## **Module 7: Power Apps Architecture**

### **Lessons**

- 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

## **Module 8: Application Lifecycle Management (ALM)**

### **Lessons**

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

## **Lab : ALM Hands-on Lab**

## **Module 9: Power Automate Architecture**

### **Lessons**

- 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

## **Module 10: Security Modeling**

### **Lessons**

- 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

## **Module 11: Integration**

### **Lessons**

- 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

## **Module 12: Dynamics 365 Applications Architecture**

### **Lessons**

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

## **Module 13: Power Virtual Agents architecture**

### **Lessons**

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

## **Module 14: Robotic Process Automation**

### **Lessons**

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

## **Module 15: Testing and Go Live Lessons**

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

## **About GTech Learn**

Established in 2011 in the USA, GTech Learn is one of the leading IT training organizations in North America & South East Asia. Driven by its unique USPs, GTech Learn is spurring competition, meeting the unmet needs of customers, assisting in skills upgrade, and supplementing talent pools with its presence in the USA, Canada, Singapore and India. This is consistent with our vision to help our Learners with skills upgrade for enhanced career opportunities.

As a Microsoft Learning Partner, we offer a broad range of learning solutions across the full Microsoft technology stack that can be customized.

Since 2011, GTech Learn has been developing custom-fit learning solutions that involve creating and delivering maximum results.

We have successfully helped all types of businesses, government entities, and individuals. For this reason, GTech has been chosen by Microsoft to deliver comprehensive learning programs around the globe.

With flexible learning options, state-of-the-art delivery methods, numerous language preferences, experienced instructors, and complete dedication to our students, GTech Learn has the capabilities to help students develop their Microsoft skill sets and achieve increasingly high standards of productivity while organizations of all sizes realize the full potential of their technology investments.

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