

# PL-600T00: Microsoft Power Platform Solution Architect

**Duration: 32 Hours (4 Days)**

## Overview

The PL-600T00: Microsoft Power Platform Solution Architect course is designed for professionals aspiring to become solution architects who are responsible for designing and implementing solutions that meet the requirements and constraints of a business using the Microsoft Power Platform. This course provides a comprehensive understanding of the role and responsibilities of a solution architect, including mastering Project methodology, understanding customer needs, and Blueprinting solution architecture. Learners will gain insights into data modeling, Analytics, Artificial intelligence, as well as the Architecture of Power Apps, Power Automate, and Power Virtual Agents. The course also covers crucial topics like application lifecycle management (ALM), Security, Integration, Dynamics 365 applications architecture, robotic process automation (RPA), and strategies for testing and going live with Power Platform solutions. By the end of the course, participants will be equipped with the knowledge and skills to ensure successful Project governance and Team collaboration, thereby enhancing their ability to develop robust, scalable solutions. This course is instrumental in preparing learners for the Microsoft Certified: Power Platform Solution Architect Expert certification, validating their expertise in the domain.

## Audience Profile

The PL-600T00 course shapes professionals into adept Solution Architects for Microsoft Power Platform, focusing on architecture and project success strategies.

- Experienced IT professionals with a focus on Microsoft solutions
- Existing Solution Architects seeking to deepen their expertise in Power Platform
- Technical Consultants transitioning to a Solution Architect role
- Business Analysts aiming to understand the technical aspects of Power Platform solutions
- Project Managers overseeing Power Platform implementations
- Developers and Technical Leads expanding their architectural knowledge
- Dynamics 365 professionals looking to leverage Power Platform across solutions
- System Engineers interested in Power Platform's capabilities
- IT Decision Makers strategizing on digital transformation initiatives with Power Platform
- Power Platform Enthusiasts seeking formal architecture training

## Course Syllabus

### Day 1: Course Introduction (PPT Introduction)

- Becoming a solution architect for Dynamics 365 and Microsoft Power Platform (PPT01)
- Exercise 1 - Getting to know your customer
- Conceptualizing the design from requirements (PPT02)
- Exercise 2 - Design from requirements
- Implement project governance for Power Platform and Dynamics 365 (PPT03)
- Exercise 3 - Review workbook
- Power Platform architecture (PPT04)
- Model data for Power Platform solutions (PPT05)

## **Day 2: Exercise 4 – Design a data model**

- Evaluate Power Platform analytics and AI (PPT06)
- Explore Power Apps architecture (PPT07)
- Exercise 5 – Determine app types
- Plan application lifecycle management for Power Platform (PPT08)
- Exercise 6 – App composition and solution segmentation
- Explore Power Automate architecture (PPT09)
- Exercise 7 – Evaluate automation options
- Model security for Power Platform solutions (PPT10)

## **Day 3: Exercise 8 – Security model**

- Implement integrations with Power Platform (PPT11)
- Exercise 9 – Evaluate integration options
- Explore Dynamics 365 applications architecture (PPT12)
- Exercise 10 – First party apps
- Explore Power Virtual Agents (PPT13)
- Exercise 11 – Evaluate requirements for chatbots
- Explore robotic process automation (PPT14)
- Testing and go-live (PPT15)

## **Day 4: The Applied Workshop exercise should take up this entire fourth day.**

- This course no longer has labs, only group exercises.