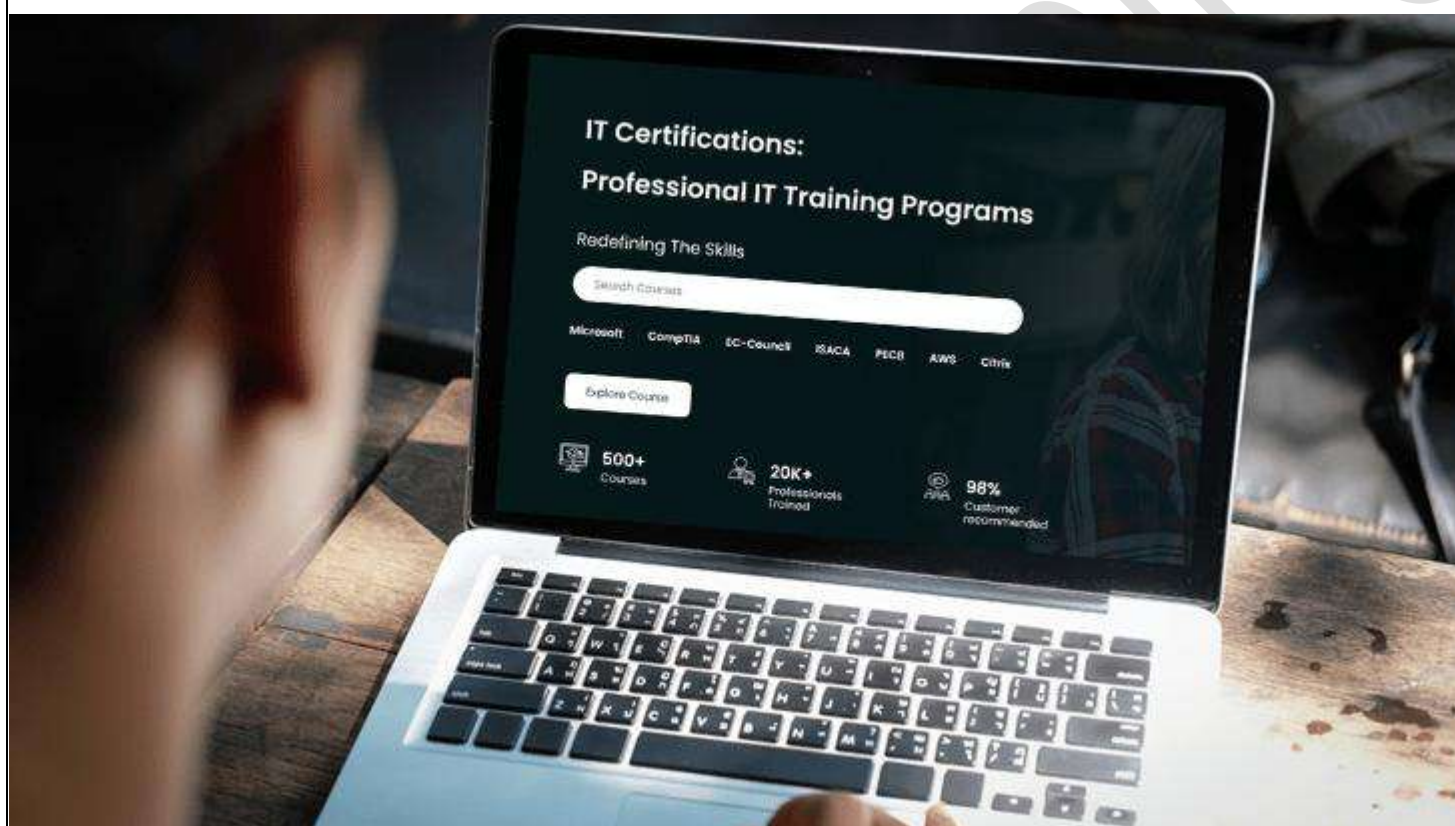# PL-600T00: POWER PLATFORM SOLUTION ARCHITECT TRAINING

Duration: 4 Days

Course Description

PL-600T00: Power Platform Solution Architect Training is for aspiring professionals who are willing to become Solution Architects. These professionals are responsible for designing and implementing solutions to meet the requirements of companies using the Microsoft Power Platform. This course provides a core understanding of mastering project methodology, Dynamics 365, Microsoft cloud solutions, and understanding consumers.

This course provides everything one needs to know about the power platform. It also teaches professionals the technical and functional disciplines to facilitate the design of the power platform.

Who should attend this course?

- Any professional working as a senior consultant (both functional and technical) that aspires to be solution architects, or current solution architects that are at the beginning of their journey.
- Given below are professionals who can use Power Platform Solution Architect Training to upskill their current positions:
- IT Professionals who are experienced
    - Technical Consultants
    - Project Managers
    - Dynamics 365 Professionals
    - System Engineers
    - Technical Architect
    - Dynamics Functional Consultants

What you will learn

- Becoming a Solution Architect/Getting to know your customer
- Conceptualizing the design from requirements
- Project governance and working as a team
- Power Platform Architecture
- Data Modelling
- Analytics and artificial intelligence
- Power Apps Architecture
- Application Lifecycle Management (ALM)
- Power Automate Architecture
- Security Modelling
- Integration
- Dynamics 365 Applications Architecture
- Testing and Go Live

Prerequisites

- As a professional one needs to have a minimum of 1 to 3 years as a power platform solution architect.
- Or, 7 to 10 years as a developer or senior consultant.
- Professional must have a deep knowledge of Power Platform Architecture.

Recommended

- PL-200T00: Microsoft Power Platform Functional Consultant
- PL-900T00: Microsoft Power Platform Fundamentals

Curriculum

Module 1: Becoming a solution architect for Dynamics 365 and Microsoft Power Platform

- Learn about what is expected of a solution architect
- Learn about the role of a solution architect during the project phases

Module 2: Discover customer needs as a Solution Architect for Dynamics 365 and Microsoft Power Platform

- Learn about initial customer discovery
- Discover customer communication strategies

Module 3: Propose a solution as a Solution Architect for Microsoft Power Platform and Dynamics 365

- Identify solution components
- Develop and validate a demo

Module 4: Worked with requirements as a solution architect for Microsoft Power Platform and Dynamics 365

- Learn about leading requirement capture sessions
- Learn about functional and non-functional requirements

Module 5: Perform fit gap analysis

- Determine the feasibility of requirements
- Refine requirements from proof of concept insights
- Categorize business requirements and perform a fit-gap analysis
- Evaluate Dynamics 365 and Microsoft Power Platform apps

Module 6: Solution Architect series: Implement project governance for Power Platform and Dynamics 365

- Learn about the solution architect's role in project governance
- Identify techniques for keeping a project on track
- Explore scenarios that could cause a project to fail

Module 7: Solution Architect series: Power Platform architecture

- Review the key Power Platform architecture components
- Explore how the platform's design and limits can influence solution architectures
- Review how to communicate with the customer on how the platform can meet their needs

Module 8: Solution Architect series: Model data for Power Platform solutions

- Learn about data modeling influencers
- Discover various data model strategies
- Learn about data types and data relationships
- Lab: Model data

Module 9: Solution Architect series: Evaluate Power Platform analytics and AI

- Discover the planning and evaluating requirements
- Learn about operational reporting
- Review the capabilities of Microsoft Power BI and how to use it with Power Platform components
- Learn how to use pre-built insights and custom AI

Module 10: Solution Architect series: Explore Power Apps architecture

- Explore options for apps and how to choose where to start
- Explore app composition options

- Learn how to use components as part of your app architecture
- Discover when to include Power Apps portals as an app in your architecture

Module 11: Solution Architect series: Plan application lifecycle management for Power Platform

- Learn about Microsoft's vision and the solution architect's role in ALM
- Review environment strategies
- Define a solution structure for your deliverables

Module 12: Explore Power Automate architecture

- Review options for automation and custom logic
- Review considerations for using triggers and common actions
- Explore how to use business process flows to guide users through business processes

Module 13: Solution architect series: Model security for Power Platform solutions

- Discover the solution architect's role in security modeling
- Learn how to control access to environments and resources
- Learn how to control access to data in Dataverse
- Lab: Security modelling

Module 14: Solution Architect series: Implement integrations with Power Platform

- Learn about the solution architect's role in integrations
- Learn about integration and why it's necessary
- Discover Power Platform features that help enable integration
- Use the capabilities of Microsoft Azure

Module 15: Solution architect series: Explore Power Virtual Agents

- Explore options for chatbots and how to choose where to start
- Explore scenarios for chatbots
- Learn about the components of Power Virtual Agents

Module 16: Solution architect series: Explore robotic process automation

- Explore options for automation and how to choose where to start
- Explore scenarios for Power Automate for desktop
- Learn about the components for running Power Automate for desktop flows

Module 17: Solution Architect series: Testing and go-live

- Review the solution architect's role with testing and go-live
- Learn about the data migration process and deployment
- Learn about the testing process
- Discover how to plan for go-live

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