

PL - 600T00 : Microsoft Power Platform Solution Architect

Course Outline

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: Power Platform Architecture

Lessons

- Key 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 modelling

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 Architect's 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