



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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PL-600T00: Microsoft Power Platform Solution Architect

CODE:

MCS_PL-600T00

LENGTH:

40 Hours (5 days)

Description

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

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

Programme

Module 1: Becoming a Solution Architect/Getting to know your customer Module 2: Conceptualizing the design from requirements

Lessons

Lessons

Define a Solution Architect

How to lead the requirement collection effort

Role of a Solution Architect on projects

Using fit gap analysis

Project Methodology

Pillars of good architecture

Getting to know your customer

Blueprinting the solution architecture

Group exercise - Getting to know your customer

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

Additional Information

This training is also available as onsite training. Please contact us to find out more.