

Microsoft Power Platform Solution Architect

The Microsoft Power Platform Solution Architect training is an advanced course designed for professionals who want to develop competencies in designing, implementing, and overseeing complex solutions based on Microsoft Power Platform and Dynamics 365 applications. Participants learn best practices for analyzing business requirements, designing data architecture, integrating cloud services, ensuring security, and managing the application lifecycle. The training develops both the technical and strategic skills necessary for the role of a solution architect, combining technological perspective with a deep understanding of an organization's business objectives.



Training recipients

The training is intended for:

- solution architects responsible for designing and deploying complex systems based on Power Platform and Dynamics 365,
- technical and functional consultants who want to expand their knowledge of Microsoft service architecture and integration,
- IT project managers overseeing the implementation of Microsoft cloud solutions,
- experienced Power Platform developers aspiring to the role of solution architect,
- individuals preparing for the PL-600: Microsoft Power Platform Solution Architect Expert certification exam.



Benefits

- Designing comprehensive Power Platform solutions – you will learn how to create cohesive architectures based on Power Apps, Power Automate, Power BI, and Dynamics 365.

- Data modeling and integration – you will learn how to effectively plan data structures, connect systems, and implement secure integrations between Microsoft services.
- Managing the application lifecycle – you will learn how to plan, deploy, and monitor solutions based on DevOps and ALM (Application Lifecycle Management) best practices.
- Implementing security and compliance principles – you will learn methods for designing secure Power Platform environments, including role modeling, access control, and data governance.
- A strategic approach to business solutions – you will learn how to work with stakeholders, analyze requirements, and translate business objectives into technological solutions.



Training program

1. Becoming a solution
 1. Becoming a solution architect for Dynamics 365 and Microsoft Power Platform
 2. Discover customer needs as a Solution Architect for Dynamics 365 and Microsoft Power Platform
2. Conceptualizing the design from requirements
 1. Propose a solution as a Solution Architect for Microsoft Power Platform and Dynamics 365
 2. Work with requirements for Microsoft Power Platform and Dynamics 365
 3. Perform fit gap analysis
3. Implement project governance for Power Platform and Dynamics 365
 1. Implement project governance for Power Platform and Dynamics 365
4. Power Platform architecture
 1. Power Platform architecture
5. Model data for Power Platform solutions
 1. Model data for Power Platform solutions
6. Evaluate Power Platform analytics and AI
 1. Evaluate Power Platform analytics and AI
7. Explore Power Apps architecture
 1. Explore Power Apps architecture
8. Plan application lifecycle management for Power Platform
 1. Plan application lifecycle management for Power Platform
9. Explore Power Automate architecture
 1. Explore Power Automate architecture
10. Model security for Power Platform solutions
 1. Model security for Power Platform solutions
11. Implement integrations with Power Platform
 1. Implement integrations with Power Platform
12. Explore Dynamics 365 applications architecture
 1. Explore Dynamics 365 applications architecture
13. Explore Power Virtual Agents

1. Explore Power Virtual Agents
14. Explore robotic process automation
 1. Explore robotic process automation
15. Testing and go-live
 1. Testing and go-live



Expected preparation of the participant

Candidates should have functional and technical knowledge of Microsoft Power Platform, Dynamics 365 customer engagement apps, related Microsoft cloud solutions, and other third-party technologies. They apply knowledge and experience throughout an engagement. Candidates perform proactive and preventative work to increase the value of the customer's investment and promote organizational health.

Candidates should have experience across functional and technical disciplines of Microsoft Power Platform. They should be able to facilitate design decisions across development, configuration, integration, infrastructure, security, licensing, availability, storage, and change management. This role balances a project's business needs while meeting functional and non-functional requirements.



Training Includes

* electronic handbook available at:

<https://learn.microsoft.com/pl-pl/training/>

* access to Altkom Akademia student portal

Training method:

explanations of technical concepts,
practical laboratories
demo,



Language

- **Training:** English
- **Materials:** English

Examination method

The exam is on-line. You can enroll at: <https://home.pearsonvue.com/Clients/Microsoft.aspx>

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Examination description

After the PL-600 course, you can take Microsoft certification exams:an Authorized Test Center,online being monitored by an offsite proctor. Details on the website:<https://learn.microsoft.com/en-us/certifications/exams/pl-600/>