Microsoft Power Platform Functional Consultant

The Microsoft Power Platform Functional Consultant training is an authorized course that prepares participants to perform the role of a functional consultant in the Microsoft Power Platform environment. During the sessions, participants will learn how to analyze business needs, engage stakeholders, and design solutions based on Power Apps, Power Automate, Power BI, Power Pages, and Microsoft Dataverse. The training combines theory with practice, focusing on building integrated, scalable, and easy-to-maintain business solutions.

Training recipients

The training is intended for individuals who:
- want to perform the role of a functional consultant in the Microsoft Power Platform environment,
- work on process analysis and business solution design,
- work with data and applications in organizations using Microsoft services,
- support users in application development and automation,
- plan to take a certification exam in the Power Platform area.

Benefits

- Designing and implementing Power Platform solutions – you will learn how to create applications, automations, and reports that address real business needs.
- Working with Microsoft Dataverse – you will learn how to model data, create relationships, configure security, and manage environments.
- Building applications and portals – you will learn how to design model-driven and canvas apps, as well as Power Pages portals, to support collaboration and user interaction.

- Automating business processes – you will learn how to use Power Automate and business rules to create workflows and optimize organizational processes.
- Data analysis and visualization – you will learn how to integrate Power BI with Power Platform and create reports and dashboards that support decision-making.

Training program

1. Work with Microsoft Dataverse
   - What is a relational database?
   - Introduction to Microsoft Dataverse
   - Manage environments
   - Manage customizations with solutions
   - Create and manage tables in Microsoft Dataverse
   - Create and manage columns in Microsoft Dataverse
   - Create relationships between tables in Microsoft Dataverse
   - Create and define calculated and rollup columns in Microsoft Dataverse
2. Manage Microsoft Dataverse
   - Load/export data in Microsoft Dataverse
   - Manage security in Microsoft Dataverse
   - Administration options in Microsoft Dataverse
3. Create model-driven apps
   - Introduction to model-driven apps
   - Design and create model-driven apps
   - Configure forms
   - Configure views
   - Configure charts
   - Configure dashboards
   - Embedding canvas apps in model-driven apps
   - Configure custom pages
   - Customize the command bar
4. Create canvas apps
   - Introduction to canvas apps Module 2: Customize a canvas app
   - Navigation in a canvas app
   - Power Fx formulas and variables
   - Error handling
   - Connect to other data in canvas apps
   - Describe Power Apps cards
5. Make portals in Power Pages
   - Introduction to Power Pages

- Pages, forms, and navigation
- Explore design studio
- Advanced Power Pages features
- Power Pages website security
- Power Pages authentication

6. Build automation with Power Automate
   - Introduction to automation in Dataverse
   - Introduction to Power Automate
   - Create Power Automate cloud flows
   - Use Dataverse triggers and actions in Power Automate cloud flows
   - Introduction to expressions in Power Automate
   - Test and troubleshoot Power Automate cloud flows
   - Administer Power Automate cloud flows

7. Logic and process automation
   - Define and create business rules
   - Create business process flows
   - Configure Dataverse classic workflows
   - Write and use Power Fx functions and formulas
   - Describe how to use Dataverse actions directly from Power Fx
   - Configure low-code plug-ins

8. Visualize data with Power BI
   - Microsoft Dataverse reporting options
   - Get started with Power BI
   - Use Power BI with Microsoft Power Platform

9. Application Lifecycle Management
   - Introduction to solutions for Microsoft Power Platform
   - Import and export Dataverse solutions
   - Dataverse Tools to support solutions

10. Manage interoperability with other services
    - Configure email integration
    - Configure document management
    - Work with Microsoft Word templates

Expected preparation of the participant

- Basic knowledge of the Microsoft Power Platform and its key components
- Basic knowledge of data modeling, user experience design, requirements analysis and process analysis are required.
- Students do not need to have formal IT training but should be comfortable using technology to solve

business problems and be committed to personal development.
- Basic level of knowledge of computer technology, cloud computing and the Internet.
- We recommend prior participation in trainings: PL-900

Training Includes

* electronic handbook available at:
https://learn.microsoft.com/pl-pl/training/
* access to Altkom Akademia student portal

Training method:
theory
demo
exercises

Language

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

Examination method

Egzamin w formie on-line. Zapis na stronie https://home.pearsonvue.com/Clients/Microsoft.aspx

Duration

5 days / 35 hours

Examination description

After the PL-200 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-200/