

Microsoft Dynamics 365 Finance & Operations (D365 F&O) Developer

Course Overview

This course is a comprehensive, hands-on program tailored for aspiring and current developers looking to enhance their skills in Microsoft Dynamics 365 Finance & Operations. Spanning 40 hours across 20 sessions, the training provides in-depth exposure to the D365 F&O development environment, AOT structures, form customizations, data entities, reporting, and integrations. By the end of the course, participants will be equipped to build and extend business solutions using D365 F&O development tools and best practices.

Prerequisites

- - Basic understanding of ERP concepts
- - Familiarity with object-oriented programming (preferably in X++ or C#)
- - Working knowledge of Visual Studio
- - Experience with databases and SQL is a plus

D365 F&O Developer Training Schedule

Module 1:

- Overview of ERP and Microsoft Dynamics 365

Module 2:

- Front end overview
- Creating workspace
- Creating package, model, project

Module 3:

- AOT
- Extending standard tables

Module 4:

- Creating custom table from scratch

Module 5:

- Explore Design and Deployment Considerations
- Manage Implementation by Using Lifecycle Services

Module 6:

- EDT's
- Table Relations

Module 7:

- Delete actions
- Field groups

Module 8:

- Index (primary and clustered)
- Joins

Module 9:

- Methods

Module 10:

- Standard forms extension

Module 11:

- Custom forms extension

Module 12:

- Menu items (Output, Display, Action)

Module 13:

- Pre event handler
- Post event handler

Module 14:

- Chain of command
- Query based report

Module 15:

- DP based report
- Electronic report

Module 16:

- Data entities export and import

Module 17:

- Integration scenarios
- Dual write (Theoretical examples)

Module 18:

- LCS - environment creation
- Project creation
- Common tools

Module 19:

- Applying package to environment
- Integration with Power BI

Module 20:

- Embedding Power BI in F&O workspace
- PowerApps with F&O