



Microsoft D365 Business Central Training with AL VS Code

STRUCTURE



Microsoft D365 Business Central Training with AL VS Curriculum

“Get in-depth knowledge of MD 365 business central functional Modules and make yourself stand out in the crowd.”

Course Objectives:

- Learn all about Microsoft D365 Business Central Functional with AL VA coding in-depth and get hands-on practical training too.
- Prepare yourself for the related global certification exam and get recognition
- Apply for leading MNCs and get hired by top industries across the world.
- Know all Microsoft Dynamics 365 Business Central fundamentals and AL VS programming concepts that are usually implemented within an organization.

Course Description:

Croma Campus offers the best Microsoft Dynamics 365 Business Central Functional Training in Noida with most experienced professionals. Our Instructors are working in Microsoft Dynamics 365 Business Central Functional and related technologies for years in MNC's.

We aware of industry needs and we are offering Microsoft Dynamics 365 Business Central Functional Training in Noida in more practical way. Our team of Microsoft Dynamics 365 Business Central Functional trainers offers the in-classroom training with best industry practices.

We framed our syllabus to match with the real-world requirements for both beginner level to advanced level. Our training will be handled in either weekday or weekends programme depends on participants requirements. Further, the course content is prepared keeping latest industry trends and certification structure in mind. To know more, you can contact our expert team and get more details.

Course Content:

Module 1: Introduction and Basic Environment Setup

- Basic objects in Dynamics 365 BC
- Installation of Dynamics 365 BC
- New features Added in Dynamics 365 BC
- How VS Code works?
- AL language features.
- Create project and Packages
- Difference Between Nav and D365 BC

Module 2: Reports Overview 365

- Reports Fundamentals
- Types of Report (List and Document Type Report)
- Triggers of Report.
- Report Extensions
- Report Design Process
- Properties of Report
- Grouping and Totalling in Report

- Report Changes in Base Report
- The Request Page Design in Report
- Matrix Type Report
- Creating a List and Document type Report, Matrix Report.
- Extension of Reports.

Module 3: Tables

- Table Fundamentals
- Type of Table in D365
- Properties of Table
- Triggers of Table.
- Primary and Secondary Keys
- Table Relationships
- Add a find in Existing Table and flow in different table after posting
- Creating Flow Field and Flow Filter.
- Retrieving Data by GET Function
- Retrieve the data from different company.
- Lab: Create a Table and Insert Data using code.
- Lab: Create field on the table and after posting data should flow differently by properties and by code.
- Extension of Tables

Module 4: Pages Overview in D365

- Page Types and Characteristics
- Page Triggers
- New features and properties in Page
- Action Page & Create Button on Page.
- Insert data in table using page.
- Special properties of page (like Auto split key, Delayed Insert, Multiple Line Insert, Filter Pane on page.)
- Showing two table data on one page (document type page)
- Update the data of Line page by Header Page by Code.
- Lab: Create a Card and a List Page, document type page, Sub-form Page, Role Center Page.
- Lab: Permission for opening of page and showing the page.

Module 5: AL Language Part 1

- Basic AL Language Syntax
- Assignment Statements
- The Syntax of Statements
- Retrieving the system date and time
- Determining the day, month, and year from a given date
- Using the date formula to calculate dates

- Converting a value to a formatted string
- Creating an option variable
- Relational and Logical Expressions
- Converting a string to another data type
- Creating an Array.

Module 6: AL Language Part 2

- Conditional Statements and Boolean Expressions
- The IF Statement
- The EXIT Statement
- The CASE Statement
- Compound Statements and Comments
- The Syntax of Compound Statements
- Compound Statement by Using Nested IF Statements
- The Syntax of Comments
- Practice: Nested IF
- For Loop, While Loop
- Repetitive Statements
- The WITH Statement.
- How to create Enum in D365 BC?
- How to use Enum?

Module 7: Inbuild Functions

- Functions and Parameters
- Review Built-in Functions
- Function pass by Value, Pass by Reference.
- Data Manipulation Functions
- Working with Fields
- Other Common CAL Functions
- Create Custom Functions
- Local Functions, Variables and the EXIT Statement
- Learn Import function of Navision (NAV)
 - SETRANGE, SETFILTER, SETCURRENTKEY, GETRANGEMIN, GETRANGEMAX, FINDFIRST, FINDLAST, CALCFIELDS, CALCSUMS, COUNT, RESET, INIT, INSERT, MODIFY, MODIFYALL, DELETE, GETFILTER, GETFILTERS, COPYFILTER, MARK, MARKEDONLY, VALIDATE, TESTFIELD, TRANSFERFIELD, CHANGECOMPANY.
- Lab: Create Custom Functions
- How to use Create and use pass by value and pass by reference?

Module 8: Debugger

- How to debug Code?
- How the set the breakpoints?
- Handling Run Time Errors?

- Debug the code user wise problem.

Module 9: XML Reports

- XML Port Fundamentals
- Design XML Ports
- Lab: Create an XML Port to Export XML Data in D365 Table
- Importing and Exporting Plain Text in D365 Table
- Lab: Create an XML Port to Export Variable Text in in D365 Table

Module 10: Events Overview D365

- Events
- Type of events.
- Publish events
- Raising events
- Subscribe events.
- Database trigger events and page events.

Module 11: Integration Overview D365

- Integration with different technology
- web services soap and odata
- Integration with asp.net

Module 12: Code units in D365

- Code unit Fundamentals
- Design Code units
- Creating Code Unit
- Use Code units
- Functions in Code Units
- How are functions used in tables or pages?
- How to create code unit extension in D365
- Extension of Code units with subscriber and Events.
- Example: Use the designed code unit in different table and page.