



# 81067 Development Environment Introduction in Microsoft Dynamics Nav 2018 and Dynamics 365 Training

Duration-5days

## 1. Development Environment

- Lesson 1: Object Designer.
- Lesson 2: 7 Objects & The Logical Database.
- Lesson 3: Managing Objects.
- Lesson 4: Properties and Triggers.
- Lesson 5: Team DevelopmentFeatures.

## 2. Tables

- Lesson 1: What is a Table?
- Lesson2:TableProperties.
- Lesson 3: Table Triggers.
- Lesson 4: Field Properties.
- Lesson 5: Field Properties DataTypes.
- Lesson 6: Table RelationProperty - Regular.
- Lesson 7: Table RelationProperty - Filtered & Conditional
- Lesson 8: Keys.
- Lesson 9: Field Group.
- Lesson 10: CalculatedFields- Part 1.
- Lesson 11: CalculatedFields- Part 2.
- Lesson 12: Field Triggers.

- Lesson 13: Database Schema Synchronisation

### **3. Pages**

- Lesson 1: What is a Page?.
- Lesson 2: Page Properties - Part 1.
- **Lesson 3: Page Properties - Part 2**
- Lesson 4: Page Triggers.
- Lesson 5: What are Controls?.
- Lesson 6: What are Controls? - part 1.
- Lesson 7: What are Controls? - part 2.
- Lesson 8: Create a card page.
- Lesson 9: Create a List page.
- Lesson 10: Control Properties.
- Lesson 11: Control Triggers.
- Lesson 12: Using Page Parts.
- Lesson 13: What are actions?
- Lesson 14: Action Properties.
- Lesson 15: Action Triggers.
- Lesson 16: Rolecenter Actions.

### **4. Introduction to C/AL Programming**

- Lesson 1: Application Language and Triggers.
- Lesson 2: Identifiers, Syntax and Variables.
- Lesson 3: Intrinsic Data Types.
- Lesson 4: Arrays.
- Lesson 5: Assignment Statements.
- Lesson 6: Symbol Menu and Code Completion.
- Lesson 7: Expressions.

- Lesson 8: Relational Expressions.
- Lesson 9: Logical Expressions.
- Lesson 10: Boolean Expressions.

## **5. C/AL Statements**

- Lesson 1: Statements
- Lesson 2: Conditional Statements.
- Lesson 3: Repetitive Statements.

## **6. Built-In Functions**

- Lesson 1: Data Access Functions.
- Lesson 2: Sorting and Filtering Functions.
- Lesson 3: Data Manipulation Functions.
- Lesson 4: Field Functions.
- Lesson 5: Interaction Functions.
- Lesson 6: String Functions.
- Lesson 7: Date Functions.
- Lesson 8: Numeric Functions.
- Lesson 9: System Functions.
- Lesson 10: Variables Functions.
- Lesson 11: ARRAY functions.
- Lesson 12: STREAM functions.

## **7. Custom Functions**

- Lesson 1: Functions & Parameters - Part 1.
- Lesson 2: Functions & Parameters - Part 2.
- Lesson 3: Make a custom function.

## 8. Reports

- Lesson 1: Reports Components.
- Lesson 2: Report Design Process
- Lesson 3: Creating the Data Model
- Lesson 4: Properties: Report & Data Item Properties
- Lesson 5: Column Properties
- Lesson 6: Designing the RDLCLayout
- Lesson 7: Designing the WordLayout
- Lesson 8: Request Page Designer
- Lesson 9: Report Triggers and Functions

## 9. Codeunits

- Lesson 1: CodeUnit Fundamentals.
- Lesson 2: Accessing Codeunits.

## 10. Query

- Lesson 1: Query Designer: Selecting, Joining.
- Lesson 2: Query Designer: Filtering, Aggregating, Ordering.
- Lesson 3: Accessing Queries from C/AL - Part 1.
- Lesson 4: Accessing Queries from C/AL - Part 2.
- Lesson 5: Mapping Queries to T-SQL.

## 11. XML Ports

- Lesson 1: XMLPort Fundamentals.
- Lesson 2: Design XMLports.
- Lesson 3: XMLPort Properties
- Lesson 4: Importing and Exporting Plain Text

➤ Lesson 5: Using XMLPorts in C/AL Code