S4D400 - Basic ABAP Programming Training

Duration: **4 Day**

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Overview

The **Basic ABAP Programming course** is a comprehensive introduction to programming on the ABAP platform. It provides essential knowledge of the development process, tools, and modern coding techniques required to build applications in SAP environments.

Participants will learn how to use **ABAP Development Tools for Eclipse (ADT)** and apply **object-oriented and expression-based ABAP programming techniques**.

This training covers:

- ABAP development process fundamentals
- Modern ABAP programming techniques
- Application development in SAP environments
- Introduction to the ABAP RESTful Application Programming Model

The course is delivered on **SAP BTP, ABAP environment**, but is also applicable to:

- SAP S/4HANA Cloud
- SAP S/4HANA 2020 or later

Based on Software Release

- SAP BTP, ABAP Environment
- SAP S/4HANA Cloud, ABAP Environment
- SAP S/4HANA 2020 or later

Notes

This course provides **essential foundation knowledge** for further ABAP learning and self-study.

Prerequisites

Essential:

- None

Recommended:

- Basic knowledge of a modern programming language (Java, Node.js, C#, Python)

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Who Should Attend

This course is designed for:

- Developers
- Development Consultants
- Technology Consultants

What You Will Learn

After completing this course, you will be able to:

- Perform basic programming in ABAP
- Use SAP development tools effectively
- Build simple applications
- Understand modern ABAP coding approaches

Outline

- Working with the ABAP development environment (ADT – Eclipse)
- Basic ABAP language techniques
- Simple object-oriented concepts
- Using ABAP SQL for database access
- Simple and complex data types
- Business objects and entity manipulation language
- ABAP RESTful Application Programming Model (RAP)