Emax
Technologies

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Technology for Innovators

ABAP Programming in SAP S/4 HANA

Realtime Project Support

Key-Features

ABAP | OO ABAP | Cross Apps | Adobe Forms

HANA ABAP | OData Services | Project Based Training

★ Classroom ★ Fastrack ★ Weekends ★ Online

ABAP S4HANA Course Content

SAP HANA Introduction

- Introduction to High Performance Analytical Architecture
- Components and Tools of SAP Hana
- Advance Database Management
- SAP Hana Software Editions
- Hardware Technology Innovations
- Software Technology Innovations
- Features and Architecture of HANA Database

SAP Components of SAP Hana

- SAP Hana Database
- SAP Hana Client
- SAP Hana Function Libraries
- Data Replication Methodologies
- Life Cycle Management Components
- Row vs Column Storage

Performance Tools in SAP Hana

- Understand the Runtime Analysis (SE30)
- Understand the ABAP Trace (SAT)
- Understand the Code Inspector (SCI)
- Understand the SQL Trace (ST05)
- SQLM and SWLT

SAP Hana on Application Development ABAP

- Role of ABAP consultants in SAP HANA
- Data to Code Vs Code to Data Approach

Development Environment

- Basic Principles of Eclipse
- SAP's Eclipse
- Integration of Eclipse and SAP Software

ABAP Development Tools (ADT)

- Installation of ABAP Development tools
- ADT in Development System

ABAP Expressions with 7.4

- Inline Data Declarations
- Read Internal Tables with New Syntax
- Loop At Groups
- Constructor Operators
- 'New' in Class
- Open SQL Enhancements Part 1
- Open SQL Enhancements Part 2
- Open SQL Enhancements Part 3
- FOR LOOP for Internal Tables
- Debugging Complex ABAP Expressions
- Concatenation, ALPHA and ITAB Lines
- ABAP SQL Aggregate Queries and For All Entries

ABAP Development in Eclipse

- Install Eclipse for ABAP Development
- Create SAP HANA Trial Account
- Connect to a SAP HANA Trial System – Its a free sandbox for ABAP on HANA/Cloud
- Working With Eclipse [1] : Open ABAP Perspective & Create A Project
- Working With Eclipse [2] : Useful Eclipse Preferences
- Working With Eclipse [3] : Creating Tables with code based editor
- Working With Eclipse [4] : Eclipse Editor Features
- Working With Eclipse [5] : Keyboard Shortcuts for ABAP Development in Eclipse

ABAP on HANA: CDS Views

- Introduction to CDS Views
- Joins in CDS Views
- CDS View with parameters
- Extend a CDS View
- Associations in CDS View
- Currency/Unit Conversion in CDS Views
- Expressions & Operations in CDS Views
- CDS Table Function
- CDS View Entity
- CDS View mapped to OData Service
- CDS View with OData.Publish
- Virtual Elements in CDS

ABAP on HANA: AMDP

- Introduction to AMDP
- Creating AMDP classes and Methods via Eclipse Editor
- Calling an AMDP in the program
- Handle SELECT-OPTIONS in AMDP

- HANA ALV IDA (Integrated Data Access)
- Traditional ALV Vs ALV IDA
- Report Development using ALV IDA
- Manipulating Field catalog and Toolbar in ALV IDA
- Parameters and Select-Options in ALV IDA

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SAP Technical

- ABAP on S/4 HANA
- UI5/FIORI on S/4 HANA
- BW/4 HANA
- PI / PO
- HANA ADMIN
- BASIS/GRC
- HANA MODELING

SAP Functional

- FI/CO with S/4 HANA
- MM with S/4 HANA
- PP with S/4 HANA
- PM with S/4 HANA
- SD with S/4 HANA
- HR / HCM
- SIMPLE LOGISTICS

SAP New Dimensional

- SuccessFactors
- EWM with S/4 HANA
- Hybris/C4C Cloud
- APO / SRM
- MDM / MDG

Trending Courses

- Data Science
- Amazon Web Services
- DevOps
- Salesforce
- Blockchain & Ethereum

1000+ Companies Trust Emax Technologies

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