

ABAP HANA

(Mandatory Future Module for ABAPERS)

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Powered By:
Mr. Sridhar Sunkari
(18+ yrs Exp.)
On-line & Class-Room Trainings

- INDEPTH
- UNCOMPARABLE
- SUBJECT GUARANTEED

- Leader in SAP Technical Modules Training
- Trained 1000's of students both in On-line and Class-room and also conducted **Corporate Trainings** for the IT COMPANIES which includes TCS, WIPRO, CMC, VERIZON, GENPACT, SIERRA ATLANTIC, VOLKSWAGON, INDIAN RAILWAYS and many more...
- Program Delivered by *Real-Time consultant* - **SRIDHAR SUNKARI** having over 18+ yrs of experience in different technologies
- Real-time Scenarios with In-depth and Advanced Topics covered
- Numero Uno in **CORE ABAP, OBJECT ORIENTED ABAP, CROSS APPLICATIONS, ABAP HANA, WEBDYNPRO, SAP UI5 Front-end and Back-end Training**
- Detailed Class-Room Notes will be provided, need not depend on any other material
- As an additional service, Daily e-mails will be sent containing day-day class-room session material
- Most of our old students are working in **TOP IT COMPANIES**; we welcome you to interact with our old or existing students before registration
- To attend online 2nd time for the same module, students need to register again

ABAP HANA

(PRE-REQUISITES: ABAP PROGRAMMING)

SAP HANA Introduction

Features and Architecture of HANA Database

ABAP HANA Introduction

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

Native HANA Development

Introduction to SQL and Database Objects
Schema
Row Store Table Vs Column Store Table
Database Tables – CRUD Operations
Transaction Control Statements
Order By, Group By, Having, Where Clauses
Primary key and Foreign Key Constraints
Global Vs Local Temporary Tables
Defining and Managing Triggers
Sequences
Synonyms
Altering Database Objects
Table Types
Procedures
Functions
Temporary Internal Tables
Conditional and Looping statements
Cursors
Exception Handling
Views
Arrays
Joins
Indexes
SQL Functions

STORED PROCEDURES

Creating Stored Procedures
Creating Database Procedure Proxies
Consuming Stored Procedure from ABAP Reports
Scalar Functions
Table Functions

ADBC (ABAP DATABASE Connectivity)

- Introduction to ADBC Framework
- Consuming Select Queries in ABAP Reports using ADBC
- Parameter Binding in Queries using ADBC
- Consuming Stored Procedures using ADBC
- Parameter Binding in Stored Procedures using ADBC
- Accessing DDL and DML statements using ADBC

AMDP (ABAP Managed Database Procedures)

- Introduction to AMDP and ADT
- Creating AMDP's
- Consuming AMDP's from ABAP Reports
- AMDP Vs Stored Procedures
- Passing Parameters to AMDP
- Select-option functionality in AMDP

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

CDS (CORE DATA Services)

- Introduction and Components of CDS Views
- CDS simple views
- Consuming CDS views from ABAP Reports and ALV IDA Reports
- CDS views with parameters
- Interactive ALV
- Select-option functionality in CDS views
- CDS Views with Functions and Arithmetic Expressions
- CDS Views with Joins and Associations
- CDS view Table Functions
- Exposing CDS Views as ODATA Service
- CDS View Extension

HANA MODELING

- Introduction to HANA Modeling
- Creating Attribute, Analytic, Graphical Calculation Views
- Creating External Views for HANA Modeling Views
- Consuming External Views from ABAP Reports
- Creating Graphical Calculation views integrating with Table Functions