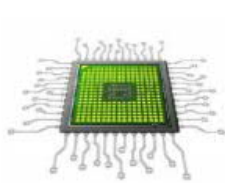


## ABAP on HANA cum S/4HANA Technical Training with CDS Views in S/4HANA

<http://www.anubhavtrainings.com>



Duration: 40+ Hours – A promise of no copy paste

## ABAP ON HANA TRAINING S/4 HANA TECHNICAL TRAINING – NO HANA KNOWLEDGE REQUIRED

Target Audience: You are working as an ABAP consultant in companies. Now you see there is a shift in industry where most of the SAP products are now shifting to HANA database and S/4HANA. SAP ERP Suite is getting transformed to S/4 HANA.

Pre-requisites-Basic knowledge of ABAP programming, Basic programming skills, Knowledge of Open SQL, A general understanding of SAP HANA would be beneficial.

- Will you existing code work, when we migrate to HANA?
- Will you be able to optimize the code for performance?
- What are all different roles you need to know?
- How to build new style applications with optimized stack S/4HANA?
- What's new in NetWeaver 7.5x ABAP syntax and SAP HANA?
- A detailed Discussion on CDS Views in ABAP with S/4HANA VDM concept and Fiori Integration.
- SQL Scripting end-to-end along with AMDP with real-time S/4HANA Scenarios.
- All the development tools will be explained in the course along with required installation, setup, configuration and connection.

We will cover HANA modeling, CDS Views, SQL Scripting, AMDP, ADBC, Performance tuning and all new concepts required, At the end we will build Fiori app on top of these artifacts. We will build an end to end Open Item Analysis scenario on all the topics. Finally, a dashboard application and smart filter app using S/4HANA VDM and @UI annotations in CDS. Also, a transactional app using CDS-BOPF integration. All of this on latest release of SAP S/4HANA on-premise system with tools like ADT, HANA Studio, and WebIDE.

<https://www.anubhavtrainings.com/abap-on-hana-training>

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## ABAP on HANA cum S/4HANA Technical Training with CDS Views in S/4HANA

<http://www.anubhavtrainings.com>

### Introduction to SAP HANA

- Introduction to IMCE (In-Memory Computing Engine)
- Row v/s Column Store
- Software and Hardware advancements
- Evolution to SAP HANA – 1.0 to 2.0
- Usage of SAP HANA with SAP Products
  - As secondary DB
  - BW on HANA
  - ABAP on HANA
- Setup you SAP ABAP on HANA instance in CAL
- Connection to your HANA system via HANA Studio
- SQL Console
- Introduction to HANA Users
- SAP HANA Information Modeling
  - Attribute Views
  - Analytic Views
  - Calculation Views
    - Graphical Calculation Views
    - Scripted Calculation Views
  - Decision Table
    - With value update
    - Without value update
- Concept of currency conversion
- Concept of Dimensions and Measures
- SQL Scripting in SAP HANA
- SAP HANA Anonymous blocks
- Scripted procedures in SAP HANA
- Procedures with parameters
- User Defined functions in SAP HANA
- Reuse functions for SQL queries

### ABAP on HANA

- Introduction to ADT (ABAP Development Tools)
- ABAP on eclipse
- ABAP project in eclipse
- Working with ADT shortcuts, inline view
- Optimizing developer efficiency with ADT
- Introduction to schema of ABAP in SAP HANA

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## ABAP on HANA cum S/4HANA Technical Training with CDS Views in S/4HANA

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- Evolution of SAP NetWeaver and capabilities
- Open SQL Enhancements in SAP HANA
- Introduction to DDL, DML, DCL, DQL
- New syntax in ABAP
  - Inline data declaration
  - Dynamic memory references
  - SQL statements with escaping of host variables
- Introduction to EPM Data model
- Consumption of SAP HANA Objects in ABAP
  - View Proxies
  - Procedure proxies
- Transporting of dependent objects
  - Lifecycle management
  - HANA transport container
- New tooling updates in ABAP
  - SQL monitor SQLM
  - Code inspector variants
  - Data migration points
  - Static checks with SQL performance – SWLT
  - SQL Performance worklist monitor

### Advanced features of SAP ABAP on HANA with SAP S/4HANA Latest version

- Introduction to code-to-data paradigm
- Code push down to Database
- Integration cloud system to HANA Cloud Platform using Cloud Connector
- Performance improvement using SAP HANA
- ABAP Database Connectivity API (ADBC)
- Open Item analysis scenario using ADBC
- ABAP Managed Database Procedures (AMDP)
- Core Data Services (CDS) Views
  - CDS Introduction
  - CDS Associations
  - CDS View on View
  - S/4 HANA CDS VDM (Virtual Data Model)
    - Basic/Interface Views
    - Composite Views
    - Consumption Views
  - CDS Annotations
    - ObjectModel Annotations
    - OData Annotations
    - Analytical Annotations

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## ABAP on HANA cum S/4HANA Technical Training with CDS Views in S/4HANA

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- End User annotations
- UI Annotations
- CDS View Table Functions
- CDS DCL (Authorizations and secure programming)
- Consuming CDS in Analytical Tools
- CDS-BOPF integration
- Create your own OData services on top of CDS views
- SAP ABAP Improved ALV IDA (Integrated Data Access)
- Full Text Search with SAP HANA
- Fuzzy search for search helps with SAP HANA

End to End Implementation projects packaged in the course

- Implementation of End to end OIA (Open Item Analysis) scenario using all techniques in ABAP on HANA
- Implementation of Smart filter Fiori Application
- Create your OVP (Overview Page) Fiori Elements to show Analytical dashboard
- Transactional Fiori App with CDS and BOPF
- Complementary OOPS ABAP Session on RTTS

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## ABAP on HANA cum S/4HANA Technical Training with CDS Views in S/4HANA

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### ABAP On HANA | S/4HANA On-Premise | CDS Views, AMDP, ADBC, S/4H Conversion, Performance with HANA




more material




01 Introduction to In memory Computing HANA and ABAP architecture.mp4




02 Architecture of HANA platform and Index Server.mp4




03 SAP HANA Evolution and How it meets ABAP, BW, Server Access.mp4




04 Introduction to ADT Eclipse, New ABAP Syntax with SQL and NW 7.5.mp4




05 Enterprise Procurement model in NW74 for OIA Scenario.mp4




06 ABAP system Evolution- TRANSOP, Role of AOH Dev, Tooling.mp4




07 Migration to S4HANA, Custom Code Adapters, Simplification DB.mp4




08 Code Inspector, ATC Checks for HANA and S4HANA migration.mp4




09 Performance Tool, SQLM, SQLT and optimizations on HANA, Guidelines.mp4




10 Open Item Analysis - A real time AoH S4 Scenario.mp4




11 Data Modeling in HANA, Types of Joins, DT and RT in Schema.mp4




12 Create OIA in HANA, Consume HANA Views using View Proxy in ABAP.mp4




13 SQL Scripting in HANA with Procedures.mp4




14 Advance SQL Scripting, Debugging, Data Objects and Performance tuning.mp4




15 AMDP - ABAP managed Data Procedures, IF\_AMDP\_MARKER\_HD...




16 Introduction to Core Data Services in ABAP CDS Concept.mp4




17 Creating CDS views for S4HANA with Virtual Data Modelling.mp4




18 Create CDS CUBEs and Analytic Queries for RSRT and BW tools.mp4




19 CDS Security Concepts, New Concept on CDS Table functions with NW75.mp4




20 Business Object Processing Framework meeting CDS views - CDSBOPF.mp4




21 End to end Transactional Fiori app with S4HANA ABAP




22 End to end S4HANA Analytic Fiori App with OVP and Dashboard.mp4



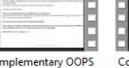
23 ALV with Integrated Data Access Framework in ABAP on HANA.mp4



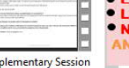
24 Fuzzy and Fault Tolerant search with Text analysis.mp4




Complementary OData Services Basics.mp4



Complementary OOPS RRTS Concept.mp4



Complementary Session AoH on Dashboard app.mp4



Length: 53:26:35  
Size: 7.40 GB  
Frame width: 1920  
Frame height: 1080  
Rating: ★★★★★

**ABAP on HANA cum S/4HANA Training Expert Training \_ PRO**

- All the Concepts like CDS, AMDP, ADBC, HANA Information Models, SQLScript, Performance tuning, S/4HANA Conversion, S/4HANA VDM, POC, Hierarchy CDS
- End to End 4 LIVE projects
- Latest Tools ADT, WebIDE
- No Pre-requisite

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