

# SAP HANA 1.0

SUB-TITLE	CONTENT
SAP HANA Studio	<ul style="list-style-type: none"><li>• Modeler, Administration View, Navigator, System Monitor</li></ul>
Architecture of SAP HANA	<ul style="list-style-type: none"><li>• Row Store</li><li>• Column Store</li><li>• Database engine of HANA</li><li>• Data modeling</li><li>• Reporting Architecture</li><li>• Administration</li></ul>
Modeling in SAP HANA	<ul style="list-style-type: none"><li>• Create Attribute Views</li><li>• Design Analytical Views</li><li>• Create Calculation Views from multiple analytical Views</li><li>• Best Practices while Creating Information Models</li><li>• Performance Optimization techniques in SAP HANA</li><li>• Currency Conversion</li><li>• Variables in HANA</li></ul>

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- □ Meta data import to SAP HANA Using SAP BODS
- Export Models
- Import Models
- SQL Script
- Procedures
- Hierarchies - Level Based Hierarchies and Parent Child Hierarchies
- Restricted Measures & Calculated Measures & Calculated Attributes
- Joins in SAP HANA : Referential Join, Text Join, Inner Join, Outer Join & cardinalities
- Auto Documentation of Information Models

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## Reporting

- SAP BI BO 4.0 Reporting Tools with SAP HANA
- IMCE Clients - ODBO , ODBC, JDBC, BICS
- Microsoft Excel 2010 Connection to HDB
- Create Universe through Information Design Tool using ODBC and JDBC Connections.
- SAP HANA Universe Best practices - Array Fetch size, Join by SQL Parameters.
- Universe on Tables from HDB.
- Web Intelligence Document on SAP HANA Universe.
- Connect Crystal Reports 2011 with Tables and information's in HANA Database.
- Dashboard Design.
- BO Explorer
- Visual intelligence
- Crystal Reports for enterprise

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Data  
Provisioning or  
Data Loading

- SAP LANDSCAPE Transformation - SLT
- SAP BODS Load to SAP HANA - ODP Enabled Data Sources
- SAP DEC - Direct Extractor Connection
- Flat File Upload to SAP HANA
- Sybase replication - Log based replication
- SAP BODS : Overview Data Services Designer
- Creating Data store for ECC and HANA
- Import Metadata from ECC to HANA Using SAP BODS Monitor and trace errors in SAP BODS Jobs
- Create Data Services Job and Load the data to SAP HANA Tables

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Administration  
in SAP HANA

- Backup & recovery
- SAP HANA Studio Installation and Configuration
- Clients installation
- Create ODBC Connections
- Monitor HDB
- Multi Version Concurrency Control - MVCC
- IMDB Installation
- Distributed System Handling - Cold backup and Hot Backup
- Persistency Layer

User  
Management &  
Security

- Creating Users
- Creating Roles
- Assign privileges to Users/Roles
- Template Roles
- SQL Statements for user management
- Password policies, reset password
- Analytical Privileges, Package Privileges, System Privileges, SQL Privileges

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COPA  
Accelerator

- COPA Overview COPA Reporting in HANA
- Architecture for CO - PA Accelerator , Use Case Scenarios , Scope
- DBSL - Database Shared Library Connection for HANA as secondary Database
- SLT Replication - SAP HANA Model generation

SAPBW  
on HANA

- Overview of SAP BW
- SAP BW Powered By Hana as database
- In Memory Optimized Info cube
- In Memory Optimized DSO
- Bex Report on SAP HANA Transient Provider
- SAP BW Composite provider on HANA models

All The Best

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