# SAP HANA Syllabus

**Module 1: SAP HANA Introduction**
- Getting started with SAP Hana
- SAP Hana Technology
- In-memory computing
- Hardware innovation
- Business intelligence clients
- Rapid Development Solutions
- Row stores and columns storage

**Module 2: SAP HANA Architecture**
- Architecture overview
- SAP Hana row and columns
- Persistent layer
- Data modeling
- Backup and recovery
- IMCE and surrounding
- Sizing and scaling out

**Module 3: SAP HANA Interfaces to BI Client Tools**
- SAP Business Objects Explorer
- SAP Business Objects Analysis
- SAP Crystal Reports
- SAP Business Objects Dashboards
- SAP Business Objects Web Intelligence

**Module 4: SAP HANA Tools**
- SAP Hana studio
- HDBSQL command line tool
- DBA cockpit

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## Module 5: Preparing Hana installation parameters

- User creation
- Prepare installer configuration file
- Review of installation
- Command based installation
- GUI based installation
- Post Hana installation
- Starting and stopping SAP Hana system
- Registration in Hana system
- User security
- Monitoring Hana Landscape
- System configuration parameters

## Module 6: Data backup and recovery concept

- Area backup
- Backup file configuration and catalog
- Database copy
- Recovery scenarios and options
- High availability

## Module 7: SAP HANA Security

- Developing roles and users
- Maintaining authorization and users
- System Privileges and SQL privileges
- Analysis and reporting privileges

## Module 8: SAP HANA Data Provisioning

- Data provisioning overview
- Data provisioning using SLT
- SAP data replication
- Replication tracking
- Setup data replication

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## Module 9: Monitoring and Troubleshooting in SAP HANA
- Learn monitoring SAP HANA
- DBACOCKPIT monitoring
- SAP early watch alert
- Remote support

## Module 10: Software Lifecycle Management
- Upgrade SAP HANA studio
- Update SAP HANA system
- Bringing changes in the system

## Module 11: SAP Data Services
- What is BODS?
- BODS configuration
- Data upload from SAP to HANA

## Module 12: DXC - Direct Extraction Connector
- DXC (Direct Extraction Connector)

## Complimentary Module 1: Soft Skills Development
- Business Communication
- Preparation for the Interview
- Presentation Skills

## Complimentary Module 2:
- Resume Building Technique



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