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SAP Analytics Cloud (SAC) Training Curriculum Online by Certified Consultant

Module 1: Introduction to SAP Analytics Cloud (SAC)

- Overview of SAP Analytics Cloud
- SAC Architecture and Components
- SAC Features and Capabilities
- Business Intelligence, Planning, and Predictive Analytics
- SAC Licensing and Editions
- SAC Navigation and User Interface

Module 2: SAC Data Connectivity and Integration

- Understanding Data Sources
- Live Data Connections
- Import Data Connections
- Connecting SAP S/4HANA
- Connecting SAP BW/4HANA
- Connecting SAP HANA
- Integration with Non-SAP Sources
- Data Refresh and Scheduling

Module 3: Data Modeling in SAC

- Introduction to Data Models
- Dimensions and Measures
- Creating Import Models
- Creating Live Models
- Data Preparation Techniques
- Data Wrangling and Transformation
- Hierarchies and Relationships
- Currency Conversion

Module 4: Data Management and Preparation



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- Data Acquisition Methods
- Data Cleaning and Validation
- Data Blending
- Calculated Measures and Dimensions
- Data Enrichment
- Smart Data Preparation
- Data Quality Management

Module 5: Story Design and Visualization

- Introduction to SAC Stories
- Creating Responsive Pages
- Canvas and Grid Layouts
- Charts and Visualizations
- Tables and Cross Tabs
- Geo Maps and Geographic Analysis
- Filters and Input Controls
- Story Formatting and Themes

Module 6: Advanced Reporting and Dashboards

- Interactive Dashboards
- KPI Monitoring
- Drill-Down and Drill-Through Analysis
- Dynamic Charts and Visualizations
- Bookmarks and Personalization
- Mobile Reporting
- Dashboard Performance Optimization

Module 7: Business Intelligence and Analytics

- Ad Hoc Analysis
- Data Exploration
- Trend Analysis
- Variance Analysis
- Time-Based Comparisons
- Business Performance Monitoring
- Data Discovery Features



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Module 8: Planning and Budgeting

- Introduction to SAC Planning
- Planning Models
- Budget Planning
- Forecasting Techniques
- Workforce Planning
- Financial Planning
- Driver-Based Planning
- Planning Versions and Scenarios

Module 9: Predictive Analytics and Smart Features

- Introduction to Predictive Analytics
- Smart Predict
- Classification Models
- Regression Models
- Time Series Forecasting
- Predictive Scenarios
- Machine Learning Concepts in SAC
- Predictive Insights

Module 10: Advanced Calculations and Scripting

- Calculated Measures
- Advanced Formulas
- Data Actions
- Multi Actions
- Allocation Processes
- Business Rules
- Planning Calculations
- Scripting Fundamentals

Module 11: SAC Security and Administration

- User Management
- Roles and Authorizations
- Team Management
- Data Security
- Object Security
- Audit and Monitoring



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- Tenant Administration
- Governance and Compliance

Module 12: Collaboration and Workflow Management

- Collaboration Features
- Discussions and Comments
- Calendar and Task Management
- Workflow Processes
- Notifications and Alerts
- Team Collaboration
- Approval Processes

Module 13: SAP Analytics Cloud Integration

- Integration with SAP S/4HANA
- Integration with SAP BW/4HANA
- Integration with SAP Datasphere
- Integration with SAP BusinessObjects
- SAP Data Warehouse Cloud Connectivity
- Third-Party Application Integration

Module 14: Performance Optimization and Best Practices

- Model Optimization
- Story Performance Tuning
- Data Load Optimization
- Best Practices for Dashboard Design
- Security Best Practices
- Governance Strategies
- Troubleshooting Common Issues

Module 15: Real-Time Industry Use Cases

- Financial Reporting Dashboard
- Sales Performance Analytics
- Inventory and Supply Chain Analytics
- HR and Workforce Analytics
- Executive Management Dashboard
- Budget Planning and Forecasting



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- Predictive Business Analytics

Module 16: Capstone Project

- End-to-End SAC Implementation
- Data Integration Project
- Interactive Dashboard Development
- Planning Model Creation
- Predictive Analytics Scenario
- Security Configuration
- Project Deployment and Presentation