

Introduction to SAP Leonardo

- **Overview of SAP Leonardo**
 - Introduction to SAP Leonardo and Its Components
 - Key Technologies and Innovations: IoT, Machine Learning, Blockchain, Big Data
 - SAP Leonardo Architecture and Deployment Models

SAP Leonardo IoT (Internet of Things)

- **IoT Basics and Architecture**
 - Introduction to IoT and Its Applications
 - IoT Architecture: Devices, Connectivity, and Data Processing
 - IoT Use Cases and Industry Applications
 - Integration with SAP Cloud Platform and S/4HANA
- **IoT Data Management and Analytics**
 - Data Collection and Processing from IoT Devices
 - Real-Time Analytics and Visualization
 - Advanced Topics: Predictive Maintenance, Asset Management
- **IoT Solutions and Scenarios**
 - Implementing IoT Solutions for Smart Manufacturing
 - IoT for Supply Chain and Logistics Optimization
 - Advanced Use Cases: Smart Cities, Healthcare IoT

SAP Leonardo Machine Learning

- **Introduction to Machine Learning**
 - Overview of Machine Learning and AI Concepts
 - Types of Machine Learning: Supervised, Unsupervised, Reinforcement Learning
 - Integration with SAP Cloud Platform and S/4HANA
- **Building Machine Learning Models**
 - Data Preparation and Feature Engineering
 - Model Training and Evaluation
 - Using SAP Leonardo Machine Learning Foundation
 - Advanced Topics: Natural Language Processing, Image Recognition
- **Machine Learning Applications**
 - Implementing Machine Learning for Predictive Analytics
 - Use Cases: Customer Insights, Fraud Detection, Demand Forecasting
 - Advanced Topics: Custom Model Development and Integration

SAP Leonardo Blockchain

- **Introduction to Blockchain Technology**
 - Basics of Blockchain: Concepts, Structure, and Cryptography
 - Blockchain Networks: Public vs. Private Blockchains
 - Integration with SAP Cloud Platform and S/4HANA
- **Blockchain Solutions and Use Cases**
 - Building Blockchain Applications with SAP Leonardo
 - Use Cases: Supply Chain Transparency, Smart Contracts, and Provenance Tracking
 - Advanced Topics: Blockchain for Finance, Identity Management

SAP Leonardo Big Data

- **Big Data Fundamentals**

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- Overview of Big Data Technologies and Concepts
- Big Data Architecture and Ecosystem
- Integration with SAP HANA and SAP Cloud Platform
- **Big Data Management and Analytics**
 - Data Ingestion, Storage, and Processing
 - Real-Time and Batch Processing Techniques
 - Advanced Analytics and Visualization
 - Advanced Topics: Data Lake Architecture, Big Data Integration with SAP Applications

SAP Leonardo Analytics and Data Intelligence

- **SAP Analytics Cloud (SAC) Integration**
 - Overview of SAP Analytics Cloud and Its Capabilities
 - Data Connectivity and Integration with SAP Leonardo
 - Building Dashboards and Reports
 - Advanced Topics: Predictive Analytics, What-If Analysis
- **Data Intelligence and Data Orchestration**
 - Data Integration and Orchestration with SAP Data Intelligence
 - Data Quality and Governance
 - Advanced Topics: Data Fabric, Metadata Management

SAP Leonardo Design Thinking and Innovation

- **Design Thinking for Innovation**
 - Introduction to Design Thinking Methodology
 - Applying Design Thinking in SAP Leonardo Projects
 - Ideation, Prototyping, and Testing
 - Advanced Topics: Innovation Labs, Customer Co-Creation
- **Implementing Innovations with SAP Leonardo**
 - End-to-End Innovation Process
 - Case Studies: Successful SAP Leonardo Implementations
 - Advanced Topics: Scaling Innovations, Change Management

SAP Leonardo Integration and Development

- **Integration with SAP S/4HANA and Other SAP Modules**
 - Integrating SAP Leonardo Solutions with Core SAP Applications
 - Advanced Topics: API Management, Event-Driven Architectures
- **Custom Development and Extensions**
 - Developing Custom Applications with SAP Leonardo
 - Extending SAP Leonardo Solutions Using SAP Cloud Platform
 - Advanced Topics: SAP Fiori and SAPUI5 for Custom UIs

Hands-On Projects and Case Studies

- **Practical Implementations**
 - Real-World Scenarios for IoT, Machine Learning, Blockchain, and Big Data
 - Developing and Deploying SAP Leonardo Solutions
 - Advanced Topics: End-to-End Project Execution and Management