

Salesforce Admin Training Syllabus

Introduction to Cloud Computing

- What is Cloud Computing?
- Models of Cloud Services
- Salesforce and Cloud

Welcome to Salesforce

- Intro to Salesforce
- CRM and ERP
- Intro to exam concepts

Salesforce Fundamentals

- Create a practice account
- Intro to Salesforce Lightning
- Application, Object, Tabs, Fields, Records

Objects and Fields Advance

- Standard and Custom Objects
- Field data types
- Validation Rules
- Formula Fields
- Page Layout
- Schema Builder

Relationships in Salesforce

- Lookup Relationship in Salesforce
- Master-Detail Relationship in Salesforce
- Roll-up Summary Field in Salesforce
- One-to-Many and Many-to-Many Relationship
- Junction Object in Salesforce

Data Import/Export in Salesforce

- Data Loader
- Data Import Wizard
- Record ID
- Upsert operation, Export and Export All
- Mass transfer records between users
- Back up data with a weekly export
- Mass delete records

Data Security in Salesforce

- Users, Profiles and License in Salesforce
- Application Visibility
- Tab (On, Off, Hidden)
- Object level security
- Field level security
- Record level security (OWD, Role Hierarchy)
- Sharing Rules, Manual Sharing)
- Password Management
- Restrict Login Access by Time & IP Address

Automation in Salesforce

- Workflows in Salesforce
- Approval Process in Salesforce
- Process Builder in salesforce

Reports and Dashboards in Salesforce

- Reports and its types in Salesforce
- Dashboard and concepts
- Run and modify reports
- Create new reports with the report builder
- Filter reports
- Summarize Report Data
- Bucket Fields in Reports
- Print, Export, Scheduling and Email Reports
- Build Dashboards
- Adding Dashboards in Home Page

Additional topics in SalesForce

- Queues
- Public Groups

Salesforce Developer Training Syllabus

Salesforce Platform Developer Course Content

- Understanding Salesforce Platform
- Understanding Salesforce Terminologies
- Multitenancy and Cloud

Understanding Salesforce Metadata and API

- Understanding Salesforce Architecture
- Declarative vs. Programmatic Changes and Customizations
- Application Development Tools in Salesforce
- AppExchange as Application Development Strategy
- Finding and Navigating Salesforce Documentation
- Understanding Salesforce Trust
- Summary and Quizzes

Data Model

- Fields
- Relationship Fields
- Junction Object
- Schema Builder
- Summary and Quizzes and Recap

Business Logic

- Data Management in Salesforce
- Data Import Wizard vs. Data Loader
- Exporting Data
- Summary and Quizzes and Recap

Apex

- Apex Development Process
- Apex Development Tools
- Apex Governor Limits
- Understanding Salesforce PlatformPreview
- Understanding Salesforce Metadata and API
- Data ModelPreview
- Business Logic
- ApexPreview

Overview of Data Types

- Primitive Data Types
- sObject Data Types
- Enum Data Types
- Collections Data Types
- Operators
- Summary and Quizzes and Recap
- Logic Control Statements
- Classes
- Apex Class Variables and Methods
- Access Modifiers
- Class Constructors
- The 'this' Keyword
- Inheritance
- Sharing

Standard Object and Field API Name

- Relationships in Apex
- Summary and Quizzes and Recap
- Basic Syntax of SOQL
- SOQL Functions
- SOQL Variable Binding
- SOQL "for" Loops
- SOQL Keywords
- Relationship Queries

Salesforce Object Search Language (SOSL)

- SOQL vs SOSL
- Summary and Quizzes and Recap
- Data Manipulation Language (DML)
- SaveResult Class
- Transaction Control ● Re
- Database.DMLOptions
- DML and Loops
- SOQL, DML, and Governor Limits
- Summary and Quizzes and Recap

Apex Triggers

- Triggers and Their Execution Order
- Creating and Viewing Triggers
- Trigger Context Variables
- Understanding Trigger Events
- Trigger Helper Class Pattern

- Bulkified Triggers
- Handling Recursion in Triggers
- Restrict Save Operations with addError()
- Apex Trigger Best Practices
- Summary and Quizzes and Recap
- Exceptions
- Exception Statements

System-Defined Exception

- Exception Methods
- Catching Different Exception Types
- Custom or User Defined Exception Handling
- Summary and Quizzes and Recap
- Debugging Using Debug Logs
- Anonymous Blocks – Another Debugging Tool
- Summary and Quizzes and Recap

Apex Testing—Overview

- Overview of Unit Tests and Test Classes
- System Test Class Methods
- Accessing Private Variables and Methods in Test Classes
- Test Data—Overview
- Unit Tests
- Summary and Quizzes and Recap
- Application Development Lifecycle
- Different Development Environments

Deployment—Migration of Applications and Components

- Best Practices for Deployment
- Summary and Quizzes and Recap
- Visualforce Page—Overview
- Understanding the MVC Pattern
- How Visualforce is Architected
- Tools for Visualforce Development
- Visualforce Tags and its Syntax
- Types of Binding
- Using Static Resources with Visualforce
- Summary and Quizzes and Recap
- What is a Visualforce Controller?
- Standard Controllers