SALESFORCE ADMIN & DEVELOPMENT

COURSE CURRICULUM

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SALESFORCE ADMIN & DEVELOPMENT COURSE CURRICULUM

Top Skills & Tools Covered
- Apex Programming
- Data Loader
- Reports & Dashboards
- Automation Tools
- Flows
- Asynchronous Apex
- Deployment Tools

COURSE MODULES

Module 1: Salesforce.com Introduction
- Salesforce Overview and CRM Benefits
- Salesforce Architecture – MVC Model
- Salesforce Editions & Licensing
- Sandboxes: Types and Usage
- Dev vs Production Environments
- Salesforce Certifications
- Create Your First Salesforce Developer Account

Module 2: OOPs Basics
- Class & Object
- Inheritance and Polymorphism
- Access Modifiers and Identifiers
- Constructors & Methods
- Getter & Setter Methods
- Static and Final Variables
- Reference Variables

Module 3: Apex Programming in Salesforce
- Apex Overview and Developer Console
- Variables, Constants, and Expressions
- Conditional Statements and Loops
- Collections in Apex (List, Set, Map)
- Data Types: String, Integer, Decimal, Boolean
- Debugging with System Log

Module 4: SOQL and SOSL in Salesforce
- SOQL and SOSL Overview
- Fetching Records in VF Pages
- Inserting Records via VF
- Debug Logs
- Governor Limits

Module 5: DML Statements
• DML vs Database Class Methods
• Insert, Update, Upsert, Delete, Undelete, Merge
• Rollback Operations
• Savepoint Usage

Module 6: Asynchronous Apex (Part 1)
• Batch Apex: Concepts and Use Cases
• Multitenant Architecture & Governing Limits
• Developer Console Batch Execution
• Batch Apex Limitations

Module 6: Asynchronous Apex (Part 2)
• Apex Scheduling: Overview and Methods
• Scheduling via UI and Developer Console
• Scheduling Apex Limitations

Module 7: Triggers in Salesforce
• Trigger Events and Types
• Context Variables
• Before & After Triggers
• NewMap & OldMap Usage
• Trigger Execution Order
• Recursive Triggers
• Trigger Best Practices
• Integration with Workflows, Batch, Schedule, and Callouts

Module 8: Test Classes
• Unit Testing in Apex
• Test Class Creation
• Governor Limits Testing
• StartTest and StopTest
• Test Classes for Apex, Batch, and Schedulable Classes
• Best Testing Practices

Module 9: Integration
• Introduction to Web Services
• Types of Web Services
• Custom, SOAP, REST-based Web Services
• RESTful Callouts in Apex

Module 10: Deployment
• Reports & Dashboard Overview
• Deployment Methods:
Force.com IDE

Migration Tool
Change Sets (Outbound & Inbound)
 • Apex Code Deployment Between Orgs
 • Change Set Types and Usage

Thank you

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Thank You for Going Through Salesforce Admin & Development Curriculum
We hope this guide has provided a clear and structured learning path to strengthen your skills in Salesforce Admin & Development.

📌 **NEXT STEPS**
• Start practicing with real-world use cases and hands-on exercises
• Build personal or client-based projects for your portfolio
• Keep exploring updates and best practices in the industry
• Join discussions and stay connected with the community

📞 **Need Help or Guidance?**
Feel free to contact our course support team:
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