



**Tech Cloud
Computing**
FOR BETTER FUTURE



TECH CLOUD COMPUTING

SALESFORCE COURSE CURRICULUM

✉ www.techcloudcomputing.com ☎ 976613641, 9096774444



ABOUT US

We provide Professional Salesforce Training program to our participants. We help you to reach your learning goals with 100% Practical approach and Industry based scenarios. **TECH CLOUD COMPUTING** is a leading institute for Salesforce CRM training & Certification program.

Tech Cloud Computing is deeply committed to your success. To fulfill the needs of Job Seekers, we are having special trainers who are real time faculty. Their real-life project experience can help to pass on tips and tricks, so that you can apply your learning effectively back into your workplace and projects. Also **TECH CLOUD COMPUTING** provides cutting

Salesforce (SFDC)

- › CRM Introduction
- › Salesforce Architecture
- › Advanced Configuration
- › Personal Customization
- › Apex Development Building Blocks
- › Apex Programming
- › Visual Force Programming
- › Apex Triggers



BENEFITS OF SALESFORCE CRM AS CAREER

- Higher adoption rate
- Better job opportunities
- Career growth
- Cloud computing

WHO CAN ATTEND

- Fresher (BE/B.TECH/MCA/BCA/BSC)
- Experienced professionals
- Functional consultants
- Lateral developers

ADMIN MODULE

MODULE-1

CLLOUD COMPUTING

- › Cloud Computing in Salesforce
- › Deployment Models of Cloud Computing
- › Cloud Service Models
- › Virtualization in Cloud Computing

MODULE-2

SALESFORCE & CRM BASICS

- › Salesforce and CRM

MODULE-3

FORCE.COM & ENVIRONMENTS

- › Force.com and Salesforce Environments
- › Production, Development, and Testing Environments

MODULE-4

DATA MODELLING

- › Database & Objects, Apps, Tabs, and Field Types
- › Formula Fields, Global Picklists, and Field Dependency
- › Relationships: Master-Detail, Lookup, Many-to-Many
- › Validation Rules, Cross Object Formulas, Roll-Up Summary
- › Schema Builder and Lookup Filter

MODULE-5

UI CUSTOMIZATION

- › Page Layouts, List Views, Record Types, Search Layouts
- › Publisher Layouts, Global Actions, Object Specific Actions



MODULE-6

DATA MANAGEMENT

- › Data Import Wizard, Data Loader, Data Export
- › External ID, Record ID

MODULE-7

DATA SECURITY

- › Access Levels, User Management, Object/Field/Record Security
- › Password Policies, IP/Time Restrictions
- › Permission Sets, OWD, Role Hierarchy, Sharing Rules, Manual Sharing, Public Group

MODULE-8

QUEUES

- › Queues in Salesforce

MODULE-9

PROCESS AUTOMATION

- › Types of Flows: Record Trigger, No Trigger, Schedule, Screen, Platform Event
- › Flows with LWC, Task, Approval Process

MODULE-10

ACTIVITY MANAGEMENT

- › Task, Event, Log a Call, Email

MODULE-11

REPORTS & DASHBOARDS

- › Report Types: Tabular, Summary, Matrix, Joined
- › Charts: Vertical/Horizontal Bar, Line, Scatter, Doughnut, Pie, Funnel
- › Dashboards, Custom Report Type, Dynamic Gauge, Bucket Field



MODULE-12

SALES CLOUD

- Overview, Accounts, Campaigns, Contacts, Leads
- Lead Assignment & Conversion, Opportunities, Products, Pricebooks

MODULE-13

SERVICE CLOUD

- Activity & Case Management, Support Processes
- Web-to-Case, Email-to-Case, Escalation Rules
- Solutions, Knowledge Articles, Portals, Communities

MODULE-14

MVC ARCHITECTURE

- MVC Model in Salesforce

MODULE-15

MISCELLANEOUS

- Data Management Tools (repeated in original)



DEVELOPMENT MODULE

MODULE-1

SALESFORCE DEVELOPMENT

- › Developer Console, Development Mode

MODULE-2

OOPS (OBJECT ORIENTED PROGRAMMING)

- › Basics, Encapsulation, Polymorphism, Inheritance
- › Tokens, Identifiers, Variables, Data Types
- › Methods, Access Modifiers, Functions, Classes
- › Getters/Setters, Sharing Rules, Object Creation, Constructor
- › Static/Final Variables & Methods, Arrays

MODULE-3

APEX

- › Collections (List, Set, Map), Data Types
- › SOQL: Group By, Having, Limit, Offset, Lock
- › Aggregate Results, DML & Database DML Operations

MODULE-4

VISUALFORCE

- › Pages, Controllers (Custom & Standard), Pageblock
- › Visualforce Components, Action Poller/Support/Function/Region

MODULE-5

TRIGGERS

- › Overview, Types, Events, Context Variables
- › Recursive, Bulkified Triggers, Helper/Handler Classes
- › Best Practices, Order of Execution

MODULE-6

ASYNCHRONOUS APEX

- › Batch, Schedulable, Queueable, Future Method
- › Batch Chaining, AsyncApexJob Class, Setup vs Non-Setup Objects
- › Governor Limits

MODULE-7

TEST CLASS

- › Code Coverage, Tests for Classes/Triggers/Batch Apex
- › Setup Method, System.RunAs(), startTest/stopTest, Assert()

MODULE-8

DEPLOYMENT

- › Deployment Process, Sandbox Types, Production
- › Change Sets (Outbound/Inbound), Deployment Connection

MODULE-9

FLOWS (DETAILED)

- › Types: Screen, Auto-Launched, No Trigger, Record Trigger, Schedule, Platform Event
- › Components, Use Cases



LIGHTNING WEB COMPONENTS (LWC)

LIGHTNING FRAMEWORK BASICS

- Evolution, Aura vs LWC, MVC vs MVCC
- HTML, CSS, JavaScript Basics
- Visual Studio Setup, Salesforce CLI, Extension Pack

LWC BASICS & APP BUILDER

- Evolution, Aura vs LWC, MVC vs MVCC
- HTML, CSS, JavaScript Basics
- Visual Studio Setup, Salesforce CLI, Extension Pack

COMPONENT COMPOSITION

- Parent/Child Component Structure
- Kebab Case, querySelector

CSS IN LWC

- Internal, Inline, External CSS
- SLDS, Design Tokens, Shared CSS, Dynamic CSS

COMPONENT LIFE CYCLE HOOKS

- Mounting, Unmounting, Error Phases
- Constructor, ConnectedCallback, RenderCallback, DisconnectedCallback, errorCallback, Super

COMPONENT COMMUNICATION

- Parent to Child (@api, Primitive & Non-Primitive Data, Method Call)
- Child to Parent (Events, Data Transfer, Bubbling)
- Sibling (PubSub)

LIGHTNING MESSAGING SERVICE (LMS)

- Message Channel, Publish, Subscribe, Unsubscribe, Message Context, Wire

LIGHTNING NAVIGATION SERVICE (LNS)

- Navigation: Home, Chatter, Files, Record (New/View), List, Tab, Web
- Toast Notifications, pageReferenceUtils

LIGHTNING DATA SERVICES

- Base Components: Record Form/View/Edit

WIRE SERVICE AND ADAPTER

- @Wire Decorator, Wire Adapters, Record UI API, Function/Property Wiring

APEX IN LWC

- Apex Class, @AuraEnabled, Cacheable
- Apex Wire (Function/Property), Imperative Method

INTEGRATION

- What is Integration
- Salesforce to Open Source API Integration
- Salesforce to Salesforce Integration
- REST API Integration



TCC SUCCESS PATH



YOU ARE INVITED TO JOIN US...

OUR CLIENTELE :





Tech Cloud Computing

FOR BETTER FUTURE

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