



SalesForce



The Best Training Institute in Hyderabad



1. Introduction to Sales force:-

- What is Cloud Computing? What is CRM?
- What is Sales force?
- What is SaaS – Software as a Service?
- What is PaaS – Platform as a Service?
- What is IaaS – Infrastructure as a Service?
- Sales force Architecture
- Sales force Licenses Sales
- Force Editions
- Sales force Development Life cycle
- Sales force Licenses Sales

2. Sales force Environment and setup

- Sales force Licenses Sales
- Company Information Fiscal
- Year
- Data Protection and Privacy Language
- Manage Currencies



3. User Interface and Search

- App Menu Custom
- Labels Custom Settings
- Custom Metadata Types Static
- Resources Density Settings
- Global Search Themes & Branding

4. Users, Roles, Profiles, Permission Sets, Public Groups and Queues

- Creating Users Mass
- Email Users
- User Licenses Overview
- Understanding Record Ownership and Access Roles and Role
- Hierarchy
- Profiles
- User Permissions
- Permission Sets and Permission Set Groups Public groups
- Queues



5. Sales force Objects Fields & Relationships

Objects

- Custom Objects Vs. Standard Objects Creation of custom object
- Different Data types Standard Data types –
Text, Email, Number, Currency, URL, Text Area, Rich Text Area, etc
- Read only Data types
- Auto Number, Formula and Rollup summary Rollup
- summary Operations
- *Sum(), Min(), Max() and Count Relational Data types
- Lookup Vs Master – Detail Relationship
- Required, External Id, Default Value and Unique fields Controlling field/Dependent field?
- Making dependent pick list fields

Tab Creation

- Types of Tabs
- Custom object Tabs Web Tabs
- Visual force Tabs Lightning
- Page Tabs



- Page Layouts
- Introduction
- Customize the page layouts. Defining Page layouts
- Adding custom buttons and links Defining required and read only fields Adding related list
- Adding Sections in Detail page
- Record Types
- To create and maintain record types for your organisation. Display different page layouts and pick list values based on record types.
- Uses of Record Types
- Assigning Record types to the Profiles. Schema Builder

Application

- Creation of Application/Custom App

5. Sales force Objects Fields & Relationships

- Email Templates
- Email Templates – Sending Single emails and Mass emails. Types of Templates –Text, HTML (Using Letter Head), Custom (without using letter head), Visual force Email Templates.



- Merging fields in Email Templates Email
- Delivery Settings

Workflows

- Defining Workflow Work flow Actions Email
- Alert
- Task Creation Field
- Updation
- Outbound Message

Approval Process

- Create Approval Process Approval Actions
- Difference between workflow rule and approval process

Process Builder

- Creation of Automation Process

7. Sale force Flows:

Visual Flows and Validations

- Creation of Flows



Validation Rules

- Standard Validations Custom Validations
- Defining Sales force Data Validation Creating
- Custom Validation Rules

8. Security Controls and Identify Management:-

- Types Of Security OWD Access Levels
- Sharing Settings and Field Accessibility Password
- Policies, Session Settings Sharing Rules and
- Manual Sharing
- Named Credentials and Remote Site Settings Trusted URLs for redirects
- View Setup Audit Trail Session Settings and Login IP
- Certificate and Key Management File Upload and Download Security
- Health Check and User Session Information

9. Sales force Data management:-

Sales force Data Backup

- What is Data Backup? Advantages for Data Backup Odaseva (Data Backup Tool)



- Sales force Meta Data Backup
- What is Meta data?
- Advantages for Metadata backup Alation
- (Meta Data Backup Tool)

Data Loader

- Import using Application Import Wizard Import
- Using Apex Data Loader
- Import Wizard Vs Data Loader DataLoader.io
- Workbench

10. Sales force App Exchange:-

- Introduction
- Installing an App Uninstalling an App
- Unmanaged Package Managed
- Package Sales force Chatter & Slack
- Public group and Private group
- Stream and Feed



- Chatter Email settings
- Workbench

11. Reports & Dashboards

- Creating Report Types for the Reports
- Report Types, Reports & Dashboard Overview Different Reports
- Defining Custom Reports
- Advanced Filters Defining
- Dashboards
- Stream and Feed

12. Sales force

Deployment:- Change sets

Sales force APEX:-

1. Introduction to Apex

- What is object oriented programming language? What is Apex?
- When Should I use Apex? How does Apex Work?

2. APEX Fundamentals:-

- Data Types and Variables (Primitive, Collections, Enums, Variables & Constants)



- Expressions and Operators
- Control Flow Statements(If-Else, Switch, Loops) Classes, Objects, and Interface

3. Working with Data in Apex:-

- Subjects
- Data Manipulation Language

SOQL

- SOQL Basics
- SOQL Optional Clauses Using SOQL and Collections. Relationship Queries
- Complex SOQL and Collections. Data
- Retrieval - SOSL
- Apex Classes, Objects

Apex Triggers

- Basic Triggers. Context Variables Trigger Frame Work.

4. Asynchronous Apex, Debugging, Testing & Deploying Apex:-

- Batch Apex Scheduled Apex
- Queue able Apex Future
- Methods



5. Apex securities and sharing

- Enforcing Sharing Rules
- Enforcing Object and Field Permissions Enforce User Mode for Database Operations
- Filter SOQL Queries Using WITH SECURITY_ENFORCED Apex Managed Sharing
- Apex Test Classes Best
- Apex Practices

Sales force LWC Development

1. Introduction to Lightning Web Components

- Why Lightning Web Components and Why Sales force Introduced LWC?
- Advantages of using Lightning Web Components
- Features of Lightning Web components
- Set Up Your Development Environment (Install a Code Editor, SetUp Lightning, Set Up a Development Org, Install the Sales force CLI, Develop in Scratch Orgs, Develop in Non-Scratch Orgs)
- LWC Supported JavaScript, Browsers, experiences and Tools.



2. Creation of Lightning Web Components

- Creation of LWC Bundle (folder, html, JavaScript, Configuration, CSS, SVG and Test files)
- Fields, Properties (Reactive, Public, Tracked, Boolean, Getter and Private), and Attributes
- Decorators and Directives
- Component Lifecycle

3. Work with Sales force Data

- Lightning Data Service
- Work with Records Using Base Components Use the Wire
- Service to Get Data
- Call Apex Methods Call APIs from Apex LWC Modules
- Create and Dispatch Events Handle Events
- Configure Event Propagation Communicate Across the DOM
- Service to Get Data

4. Debug Lightning Web Components

- Enable Debug Mode in Sales force Debug Using Chrome DevTools

5. Testing LWC

- Install Jest



- Null vs undefined
- Spread Operator
- Destructuring String
- Interpolation String Methods
- Object/JSON Operations Array Methods
- Promise
- Modules import and export Query
- Selector
- Events
- Arrow Function set Timeout vs set Interval

Lightning Web Component And Setup

- Intro to Lightning Web Components Setting Up
- Developer org
- Setting Up Sales force DX Environment Setting Up
- My Domain and Dev Hub Setting up Project and Scratch Org

Fundamentals of LWC

- Create
- Your First Component in LWC Component Folder Structure
- Different Naming Conventions Available in LWC App



- Creation and Component Deployment Local Properties and Data Binding
- Methods And Two way Data Binding @track properties
- Getters in LWC Conditional
- Rendering
- Improved Conditional
- Rendering Template Looping

First Project -Quiz App

- QUIZ APP

Composition And Query Selectors

- Component Composition Shadow
- DOM
- Accessing Elements in the Component

Styling In LWC

- Inline and External CSS
- Lightning Design System SLDS
- Design token Shared CSS
- Dynamic CSS
- Styling across shadow DOM



Component Lifecycle Hooks

- Introduction to lifecycle Hooks Lifecycle Hooks in Mounting Phase
- Lifecycle Hooks in Unmounting Phase
- Lifecycle Hooks in Error Phase Render Method

Components Communication

- Intro to Components Communication Parent to Child
- Communication Approaches
- Parent To Child Communication using Primitive Datatypes Parent To Child
- Communication on action at parent component Calling Child Method from Parent
- Component
- Child to Parent Communication Approaches
- Child to Parent Communication Using Simple Event Child to Parent
- Communication Using Event with Data Child to Parent
- Communication Using Event Bubbling Pubsub Module

Setter,slots and css behaviour in parent child component

- Setter Method
- Passing Markup Using Slots
- CSS behaviour in parent child component



Building Reusable Component

- Building Reusable Component

Communication between Visualforce pages Aura Components

- Lightning Messaging Service
- LWC to LWC Communication using LMS LWC TO AURA Communication using LMS
- LWC, AURA and VisualForce Page Communication using LMS

Apex LWC

- Introduction
- Expose Apex Methods to LWC Import Apex Methods
- Wire Apex Method
- Wire Apex Method with Parameters Call Apex Methods Imperatively
- Apex Imperative Method with Parameters

Component Configuration in LWC

- Meta Configuration in LWC
- LWC in Utility Bar WC in Lightning Tab



Real time Features

- Meta Configuration in LWC
- Filtering in LWC Sorting in LWC Charts in LWC
- Reusable Modal Component in LWC Date Validation
- CSV Generation in LWC Custom
- Carousel Using LWC



CLOUD VISION TECHNOLOGIES

