



Cloud Computing Training Syllabus

CLOUD COMPUTING involves large no. of computers connected through real time communication network like internet. CLOUD COMPUTING also involves resource sharing and how effectively these shared resources are used. Resources are shared by multiple users and also dynamically re-allocated. CLOUD COMPUTING allows system accessibility from anywhere using a browser. The features of CLOUD COMPUTING make it widely used nowadays. API or application programming interface in CLOUD COMPUTING software allow machines to interact with cloud software. It is suitable for disaster data recovery due to use of many redundant sites that enhances the reliability. Moreover its applications are easy to maintain. Another service provided by Cloud computing is on demand self service which allows users to configure and use cloud services by using catalogues. Thus infrastructure engineers design cloud computing templates which are according to consumer requirement. Basic modules of the cloud computing are easy to understand so anyone with basic computer and internet knowledge can learn. Approaching higher level concepts of Cloud computing it is mandatory to have understanding of programming in .net and J2EE. Trainers of DP Project Development have experience working on this technology in IT Infrastructure of different companies. During the lab sessions students are trained to work on cloud services and develop and access application under expert guidance. Placement assistance is also provided to students to make their job search easier. Also special guidance for interviews is provided to DP Project Development students.

Training Module:

1. Cloud Computing Part I Getting Started

- Cloud Computing Basics
- Cloud Computing Overview
- What Is Cloud Computing?
- Advantages of Cloud Computing



- Characteristics and Service Modules (IaaS, PaaS, SaaS, S+S)
- Deployment Module
- Architecture
- Introduction to Sales force CRM and Force Platform
- Essentials of Sales force CRM and Force Platforms
- Architecture of Sales force CRM
- Different type of Edition Available in Sales force CRM
- Sales force CRM Navigation & Functionality
- Data Models
- Administration Essentials
- Identify Confirmation
- Tab Setting, Record Types and Field Level Security.
- Organization Administration
- Configure Sales force CRM to suit your business needs
- Design SaaS Applications on Force Platform
- Consideration when building a data model
- Develop custom objects and fields, encrypted fields, field help, and field history tracking
- Use master detail, lookup, and many-to-many relationships.
- Create a user interface for custom application using the custom Object tab, Page Layout, and Customization options
- Field attributes on the page layout.
- Workflow Approvals
- Create automated business process by using Workflow approvals.
- Test the process.

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- Plan your approval process.
- Use the built in wizard to create the process.
- Data Validation
- Salesforce CRM Validation to ensure Data Integrity.
- How to create data Validation rules.
- Set up a validation design methodology.
- Using the required and unique property features to control data that is entered.
- Apex Programming
- Introduction to Object Oriented programming using Force Apex.
- Exploring Developer Console.
- Apex Controllers and Visual Force Controllers.
- Collections in Apex
- SOQL and SOSL
- Classes, Interfaces and Triggers
- User Interface through Visual force

2. Design & Development of Visual force Pages

- Apex Classes to create Visual force Controllers
- Incorporate Visual force pages into Sales force.
- Use Visual Force tags to create page layouts, input forms, output tables, custom components, and more.
- Create partial page refreshes on JavaScript events
- Learn about the Functionality that comes with Visual Force standard controllers.
- Security and Access
- Basic of configuring security and access

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- settings in Sales force CRM
- Setup your Company's Organization-wide defaults.
- Role Hierarchy and Sharing Modules.
- Analytics
- Reporting in Sales force CRM
- Dashboard
- How to create standard and custom reports by using different report types, filter criteria and custom summary formulas
- App Exchange
- What is App Exchange?
- How to search for and install applications from the App Exchange.
- How to manage and delete applications that you've installed
- Marketing Administration
- Learn about the marketing administration features available in Sales force CRM Marketing.
- Learn how to create a campaign targeting both existing and new leads, convert leads, and measure campaign results.
- Extending Sales force CRM through Web Service/ Sales force Integration
- Extend your Sales force CRM through Web Services.
- Apex Callouts.
- SOAP vs Restful Web Services
- Implementation of Web Services.
- Testing in Sales force CRM
- Overview of Testing Framework Sales force in CRM



- How to write Test Cases for different apex components.

TRAINING SCHEDULE - Please contact us for latest training schedule

TRAINING MODE

We give flexible learning options to trainees

- Instructor Lead (REGULAR / ONLINE / WEEK-END / PART-TIME / COMBINED-FLEXIBLE)
- INSTRUCTOR LEAD LIVE ONLINE TRAINING MODE - You can join the training from any part of world

CONTACT DETAILS

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