

# Syllabus - Cloud – Azure & AWS & Salesforce

## Session 1: Fundamentals of Cloud Computing

- Introduction to Cloud Computing
- Cloud Environment Architecture
- Cloud Computing Models

## Session 2: Infrastructure & Networking

- Introduction to Amazon Web Services
- AWS Global Infrastructure
- Introduction to Network Switches & Virtual Private Cloud
- VPC & Subnets
- Internet Gateways, VPC Peering & NAT Gateways
- IP Addressing in AWS
- Understanding AWS Security Groups
- Launching our first EC2 instance
- EC2 instance types & Pricing Models

## Session 3: Storage

- Introduction to Block & Object storage mechanism
- Introduction to Elastic Block Store - EBS
- EBS Snapshots
- EBS Volume Types
- Instance Store Volumes
- Introduction to Simple Storage Service (S3)
- Features of S3

## Session 4: Elastic Load Balancers –

- Understanding High Availability Configuration
- ELB Configuration Elasticity
- Auto Scaling

## Session 5: Identity & Access Management

- Understanding the IAM Policies
- IAM User, IAM Policy and IAM Role

- ❖ Course Duration: - 6 Months
- ❖ Live Classes

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## Session 1 (Salesforce Administrations)

- Know the Basic
- Learn Navigation in SF CRM
- Architecture of Salesforce
- Personal Setup
- Reset Person Info
- Password Security Token
- Advance User Settings
- Display and Layout: Tabs Customization
- Display and Layout: Page Layout Customization
- Org Setup
- Understanding Salesforce Editions
- Understanding Salesforce Licenses
- Security and Identity Confirmation

## Session 2 to 5 (Sales Application)

- News Feed in Chatter
- Create Group in Chatter
- Campaigns
- Type of Campaigning
- Leads
- Understanding Industries for leads
- Accounts and Contacts
- Opportunities
- Stages of Opportunities
- Contracts
- Orders
- Products, Quotes and Price Book
- Cases and Solutions

## Session 6 to 9 (Working over Custom App Development)

- Create Custom Objects
- Create Custom Tabs
- Auto-Number Fields
- Formula Fields
- Checkbox Fields

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- Currency, Number and Percent Fields
- Picklist and Multi-Select Fields
- TextArea and TextArea Long Fields
- Phone and Email Fields
- Geolocation Field
- Create Custom Fields
- Create and Apply Validation Rules
- Create Object with Schema Builder
- Create fields with Schema Builder
- Create Relationships with Schema Builder
- Data Relationships
- Lookup Relations
- Master Detail Relationships
- Many to Many Relationship – Junction Object
- Hierarchical Relationships
- Roll up Summary
- Creating Field Dependencies

### Session 10 (Lock the Org)

- Understanding Users
- Understanding Roles and Profiles
- Organization Wide Default
- Create Custom Views
- Field Accessibilities
- Role Hierarchy

### Session 11 to 13 (Administration and Utilities)

- Import mass data with Data Loader
- Update mass data with Data Loader
- Delete mass data with Data Loader
- Export mass data from salesforce to local system with data loader
- Upsert Operation with data loader
- Import mass data with Data Import Wizard
- Update mass data with Data Import Wizard
- Delete mass data with Data Import Wizard
- Web to lead

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- Queue Assignment
- Lead Assignment
- Approval Process

## Session 14 to 17 (Develop Your Logic)

- Email Templates: Custom
- Email Templates: HTML with Letterhead
- Email Templates: HTML without Letterhead
- Workflow Rules and Workflow Actions
- Process Builder

## Session 18 to 19 (Data Analytics)

- Introduction to Reports and Dashboards
- Tabular Reports
- Summary Reports
- Matrix Reports
- Types of Dashboards
- Drawing Dashboards from Reports
- Data Analysis with Reports and Dashboards

## Session 20 (Project Work)

DATA IS COMPLEX WE MAKE IT EASY

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