

Getting Started

1. Microsoft SharePoint 2013, A Quick Overview
 - a. What is SharePoint
 - b. SharePoint features
 - c. SharePoint wheel
 - d. Architecture
 - e. History
 - f. Editions
 - g. Roles in SharePoint
2. Installation and Administration
 - a. Software and hardware requirements
 - b. Types of Installation
 - c. Understanding and Installing the pre-requisites
 - d. Installing and Configuring SharePoint
3. SharePoint Fundamentals
 - a. What is Internet Information Server (IIS)
 - b. Understanding Application Pool
 - c. Understanding AppDomain
 - d. Role of Active Directory
 - e. Hierarchy
 - f. Exploring Central Administration
4. Working with SharePoint
 - a. Creating Web Application
 - b. Creating Site Collection
 - c. Creating Sub Sites
 - d. Working with Lists and Libraries
 - e. Changing the look and feel

SharePoint as Development Platform

1. Server Object Model
2. Client Side Object Model
3. App Model

Working Server Object Model

1. Working with Server Object Model Class (Programmatically)
 - a. Creating Lists and Libraries
 - b. Creating List Columns
 - c. Creating List Views
 - d. Creating Sub Sites

Developing SharePoint Solutions

1. Understanding SharePoint Solutions
 - a. Farm Solutions
 - b. Sandbox Solution
2. Creating List Definitions, List templates, List Instances

3. Developing Content Types
4. Understanding Features
5. Developing Web Parts
6. Developing Event Receivers
7. Developing Timer Jobs
8. Developing Sandbox Solutions
9. Developing Workflows (Sequential)

SharePoint Designer

1. Exploring SharePoint Designer
2. Working with SharePoint Designer
3. Creating SharePoint Designer Workflows

Client Object Model

1. Understanding the Client Side Object Model
2. JavaScript SharePoint Developers
3. jQuery for SharePoint Developers
4. Working with Client Side Object Model
5. Working with REST API

Developing SharePoint Apps

1. Understanding apps
 - a. Overview
 - b. App Hosting options
 - c. Configuring the environment for App Development
2. Developing Apps
 - a. Developing SharePoint hosted App
 - b. Developing Provider Hosted App
 - c. Developing Auto Hosted App

Working with SharePoint Pages and Navigation

1. Working With SharePoint Pages
 - a. Site Pages
 - i. Overview
 - ii. Creating Site Pages
 - b. Application Pages
 - c. Master Pages
2. Developing Custom Ribbon Controls
 - a. CommandUIDefinition
 - b. CommandUIHandler
 - c. Setting the Location of the Custom Ribbon Control
3. Customizing the Navigation
 - a. Customizing Top Link Bar Programmatically
 - b. Customizing Quick Launch Bar Programmatically
 - c. Customizing Menus and Custom Actions
 - d. Hiding the Left Navigation Programmatically
 - e. Adding Links to the Top Link Bar Programmatically

- f. Adding Links to the Quick Launch Bar Programmatically
- g. Deploying and Testing the Custom Navigation Feature

PowerShell

1. Power Shell
 - a. Overview
 - b. Pipelining of cmdlets
 - c. SharePoint Power Shell Snap-in
2. Role of PowerShell in SharePoint
 - a. Working with SharePoint data using PowerShell
 - b. Deploying Solutions using PowerShell
 - c. Activating/deactivating Features using PowerShell
 - d. Performing Backup and Restore using PowerShell

Understanding the Security Infrastructure

1. Introduction to SharePoint Security Model
2. Permissions and Permission Levels
3. Security Groups
4. User authentication
5. App Authentication

Advanced Topics

1. SharePoint Enterprise Content Management
 - a. Metadata services
 - b. Document Services
 - c. Records Management
2. Web Content Management
 - a. Understanding the WCM Features
 - b. SharePoint Publishing sites
 - c. Page Layouts
 - d. Device Channels
 - e. Managed navigation
 - f. Understanding the cross-site publishing
3. Business Connectivity Services
 - a. Overview
 - b. Understanding External Content Types
 - c. Understanding External Lists
 - d. Working with External Content Types
 - e. BCS Architecture
 - f. Developing business Data Connectivity Model in Visual Studio
 - g. Working with the Service Class and Entity Class
 - h. Developing the CRUD Methods with the Design Model
 - i. Deploying and Testing Our BCS Application
4. Social Enterprise features
 - a. What's New
 - b. Understanding Social Components

- c. Understanding Social feeds
 - d. Following within SharePoint 2013
 - e. Understanding Yammer
5. Search
- a. Understanding Search
 - b. Developing Custom Search Interface