

# AngularJS

---

## MODULES

### Module 1: Getting Started

1. Introduction to AngularJS
2. How AngularJS Works
3. Hello World Demo
4. What are AngularJS Modules?

### Module 2: Angular Controllers

1. What is a Controller?
2. What is \$scope
3. Sharing Data across Controllers

### Module 3: Expressions and Filters

1. Expressions
2. Filters
3. Creating a Custom Filter

### Module 4: Directives

1. Directives
2. Creating a Custom Directive

### Module 5: Services

1. Getting External Data
2. \$http Services

## WCF Services

---

1. Introduction of WCF Services (Soap and Rest)
2. Introduction of Web Api (Rest)

# MVC+ADO.Net

---

## INTRODUCTION TO MVC

- MVC Architecture
- Understand the MVC design pattern and how it's applied in ASP.NET MVC
- Understanding Model
- Understanding View
- Understanding Controller
- Key benefits of ASP.NET MVC

## HTML HELPERS

- HTML Helper Methods
- Render HTML Form
- Using Dropdown List
- Binding Html Helper to Model
- Using "For" Methods with Typed Model
- Creating Views with HTML Helpers

## EXPLORING CONTROLLER'S

- Exploring Controllers
- passing data from Controller to View
- Types of Action Methods
- Action Method Parameters

## MODEL BINDERS

- Default model Binder
- Complex Type Model Binding
- Model Binding

## DESIGNING AND IMPLEMENTING DATABASES WITH SQL SERVER

- Introduction to ADO.NET
- Creating Tables and Relationships
- SQL Fundamentals
- Stored Procedures
- Insert, Update, Delete, Select commands

## USING AJAX AND JQUERY WITH ASP.NET MVC

- Overview of AJAX and ASP.NET MVC
- Unobtrusive AJAX
- Overview of AngularJs
- AJAX Techniques
- Using AngularJS UI

## Validation and Form Post

- Handling form post-backs
- Data validation