

## ASP.NET MVC Syllabus

---

### 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
- Advantages of MVC based Web Application

### HTML HELPERS

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

### EXPLORING CONTROLLER'S

- Exploring Controllers and Controller Base class
- Passing data from Controller to View
- Comparing View Data, View Bag and Temp Data
- Types of Action Methods
- Action Method Parameters

### MODEL BINDERS

- Default model Binder
- Complex Type Model Binding
- Form Collection
- Model Binding
- Http Posted File

### 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

Website: [www.dw-learnwell.com](http://www.dw-learnwell.com)

Contact: +91 8411002339/+91 7709292162

Email: [info@dw-learnwell.com](mailto:info@dw-learnwell.com)

Classroom

Corporate

Online

## ASP.NET MVC Syllabus

---

- Using AJAX Action Links
- Overview of jQuery
- jQuery Techniques
- Using jQuery UI

### CREATING AN APPLICATION IN MVC

- Creating strongly-typed views
- Understanding URLs and action methods
- Using HTML helpers
- Handling form post-backs
- Data validation

### MVC STATE MANAGEMENT

- Using hidden fields
- Session and Application State
- Custom model bindings