**Data Annotation Validator Attributes**

1. **DataType**

Specify the datatype of a property

1. **DisplayName**

specify the display name for a property.

1. **DisplayFormat**

specify the display format for a property like different format for Date proerty.

1. **Required**

Specify a property as required.

1. **ReqularExpression**

validate the value of a property by specified regular expression pattern.

1. **Range**

validate the value of a property within a specified range of values.

1. **StringLength**

specify min and max length for a string property.

1. **MaxLength**

specify max length for a string property.

1. **Bind**

specify fields to include or exclude when adding parameter or form values to model properties.

10 . **ScaffoldColumn**

specify fields for hiding from editor forms.

**Example:**

## Designing the model with Data Annotations

using System.ComponentModel;

using System.ComponentModel.DataAnnotations;

using System.Web.Mvc;

namespace Employee.Models

{

[Bind(Exclude = "EmpId")]

public class Employee

{

[ScaffoldColumn(false)]

public int EmpId { get; set; }

[DisplayName("Employee Name")]

[Required(ErrorMessage = "Employee Name is required")]

[StringLength(100,MinimumLength=3)]

public String EmpName { get; set; }

[Required(ErrorMessage = "Employee Address is required")]

[StringLength(300)]

public string Address { get; set; }

[Required(ErrorMessage = "Salary is required")]

[Range(3000, 10000000,ErrorMessage = "Salary must be between 3000 and 10000000")]

public int Salary{ get; set; }

[Required(ErrorMessage = "Please enter your email address")]

[DataType(DataType.EmailAddress)]

[Display(Name = "Email address")]

[MaxLength(50)]

[RegularExpression(@"[a-z0-9.\_%+-]+@[a-z0-9.-]+\.[a-z]{2,4}", ErrorMessage = "Please enter correct email")]

public string Email { get; set; }

}