**Similarities And Differences Between ViewData And ViewBag In Mvc**

**SIMILARITIES**

* Both ViewData and ViewBag are used to pass data from a controller to a view.
* Both Helps to maintain data when you move from controller to view.
* Short life means value becomes null when redirection occurs.
* ViewData and ViewBag are DataDictionary objects.
* Both ViewData and ViewBag does not provide compile time error checking. For Example- if you mis-spell keys you wouldn’t get any compile time errors. You get to know about the error only at runtime.

**DIFFERENCES**

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| VIEW DATA | VIEW BAG |
| ViewData is a dictionary of objects that is derived from ViewDataDictionary class and is accessible using strings as keys | ViewBag uses dynamic feature that was introduced in C# 4.0. It allows an object to have properties dynamically added to it. |
| ViewData requires typecasting when you use complex data type to avoid error. | ViewBag does not require typecasting when you use complex data type. |
| ViewData[“<Key>”] = <Value>; | ViewBag.<PropertyName> = <Value>; |

**Note:** To pass data from controller to a view, it’s always a good practice to use **strongly typed view models** over **ViewBag** and **ViewData**. **Strongly typed view models** provide compile time error checking.