# Advantages of MVC Over Webforms

* **Light Weight**: MVC pages are lighter as compared to webforms as they don't carry bulky viewstate with them.
* **Better Control over Design**: MVC has dropped concept of server controls and instead use HTML controls or HTML helpers to generate HTML controls. This gives developers better control over HTML and page design. Design time and run time variations are very few as compared to webforms.
* **Server Performance**: Using HTML and HTML helpers put less load on the server as compared to server controls in webforms. (HTML helpers are tags which are converted to HTML controls without much server load).
* **Better Page Load Time**: Without viewstate, server controls and page life cycle events page load time in less in MVC as compared to webforms.
* **Loose coupling helps in TDD**: Controller in MVC (similar to *aspx.cs* code file in webforms) is not tightly bound to view as compared to binding of *.aspx* and *aspx.cs* files in webforms, so TDD (test driven development) is easy and clean.
* **Separation of Concerns**: Separation of concerns is handled better in the form of Model-View-Controller
* **SEO(Search Engine Optimization) friendly URLs**: Though we can do URL rewriting in Webforms but in MVC, it is as simple as adding a tag in your code to have that as URL.

# Difference between Webforms and MVC

| **ASP.NET Webforms** | **ASP.NET MVC** |
| --- | --- |
| Event driven development | Not event driven but MVC design pattern based development |
| Use of Server controls for Page design | No server controls instead HTML controls and HTML helpers are used |
| Supports viewstate for state management | No concept of view state |
| File based URLs, physical existence of file required, e.g., for URL [www.xyz.com/index.aspx](http://www.xyz.com/index.aspx), there will be physical file *index.aspx* on server | Route based URLs so no physical existence of file required. e.g. www.xyz.com/Home |
| Tight coupling between UI and code file, e.g., aspx design files are bound to *aspx.cs* code files | No tight coupling, one controller can serve different views |
| Need to do URL rewriting for SEO friendly URLs | SEO friendly URLs can be easily formed without complex URL rewriting. |