**R Development**

Database backup could be found in file **backup.sql**

1. First of all, we need to have R installed on PC with server. R should be fully installed, including [setting up windows “PATH” variable](https://cran.r-project.org/bin/windows/base/rw-FAQ.html#Rcmd-is-not-found-in-my-PATH_0021). Care: you need to have the same version of R and IIS server: or two 32bit applications, or two 64bit applications.
2. We need to import our data to MSSQL database.
   1. After setting up database, you need to edit file **WebDisplay\Web.config**, where you need to edit line #12, and replace *SWP-RAID* with your server name or IP(if database is based on the same PC – you can use **localhost** as servername) , and *Amit-R-dev* with your database name.
   2. If you have database authentication type others than Windows Authentication, you need to also provide username\password to database connection by the next template: “;User Id=**userid**;Password=**password**”, bolded userid should be replaced by yours username, and bolded password should be replaced by your password.
3. We have 2 ways to test our application.
   1. If you need to test web version of project:
      1. Select **WebDisplay** project and compile it.
      2. First way to test is easy – just compile it through Visual Studio
      3. Second one – we need to install **IIS server** and configure it on server PC. [Link](https://docs.microsoft.com/en-us/iis/application-frameworks/scenario-build-an-aspnet-website-on-iis/configuring-step-1-install-iis-and-asp-net-modules)
   2. If you need to test version based on Forms:
      1. Just compile **BasicForecasting** project to test application.