

- Purpose** This document explains how I implemented the R statistical package on the same Windows (Win7Pro) machine as my Tableau Desktop installation.
- 1 In a web browser, go to www.r-project.org
 - 2 Find where you select a CRAN Mirror. Click the link and select a site reasonably close to where you are located. This just means you'll download the R installer from somewhere relatively close...
 - 3 After selecting the CRAN Mirror site, click the link to download the R installer for Windows. Save the download file to your local hard drive.
 - 4 You are done with the browser portion.
 - 5 Double click on the saved R installer to install the software. Accept all defaults.
 - 6 You will end up with an "R" icon on your desktop. Double click to start the control screen.

 - 7 In the menu bar, select "**Packages**" -> "**Set CRAN mirror**". Select a site near your location.

 - 8 Now, in the menu bar, select "**Packages**" -> "**Install package(s)...**" Select "**Rserve**" from the list.
 - 9 Click OK to install **Rserve**...
 - 10 To run my R-Demo.TWBX, you will need to repeat steps 8-9, again, this time, selecting "**mvoutlier**" instead of **Rserve**
 - 11 Before each use in Tableau I do the following (there may be a way to automate this):
 - a). Run R by clicking on the R desktop icon.
 - b). In the command window, enter `library(Rserve)` and hit return...
.....NOTE: *command is CASE SENSITIVE!*
 - c). In the command window, enter `Rserve()` and hit return...
.....NOTE: *command is CASE SENSITIVE!*

Now, you are ready to use R with Tableau...

- 1 Run Tableau Desktop (versions 8.1 and 8.2 tested with this process)
- 2 Click **Help** -> **Settings and Performance** -> **Manage R Connection...**
- 3 Key in **localhost** for the Server name and **6311** for the Port.
.....NOTE - you MAY have to use **127.0.0.1** for Server name
- 4 Click the "**Test Connection**" button to test the connect. You should be clear to go!
NOTE - These four steps are a ONE-TIME process.....

If you downloaded the example R-Demo.twbx, run it to see how it works!

If you're an 'R' expert, and come up with a great demo you can share, sent it to me. I will add it to the download list - you get full credit, of course ;-).