Connect Tableau to R

Tableau communicates with R using a package called Rserve. But before you install Rserve you may need other required(dependent) packages.

1) Install tm and Rstem packages. If you don't find one in R console, refer below link,
install.packages("tm")
download.file("http://cran.cnr.berkeley.edu/src/contrib/Archive/Rstem/Rstem_0.4-1.tar.gz", "Rstem_0.4-1.tar.gz")
install.packages("Rstem_0.4-1.tar.gz", repos=NULL, type="source")

2) Run library(Rstem) and library(tm) to access the packages

3) Now install Sentiment package. It may be difficult to find the right versions of sentiment. Refer below link to access sentiment package
download.file("http://cran.r-project.org/src/contrib/Archive/sentiment/sentiment_0.2.tar.gz", "sentiment.tar.gz")
install.packages("sentiment.tar.gz", repos=NULL, type="source")

4) Install Rserve using R command - >> install.packages("Rserve");

5) Access Rserve to connect R to Tableau - >> library(Rserve) >> Rserve()

6) Now that setup from R studio is over, open tableau - On the Help menu → Settings and Performance → Manage R Connection to open the Rserve connection dialog box.

   **The drop-down list includes localhost and the server you most recently connected to. Port 6311 is the default port for Rserve servers. You can use localhost and default port.
   **Click Test Connection. Click OK.
   Tableau and R are now connected successfully.

** In order to let tableau know that the calculations need to go to R, it must be passed through one of the 4 functions. These 4 functions are : SCRIPT_BOOL , SCRIPT_INT , SCRIPT_REAL , SCRIPT_STR

- Vijaya Patil, Contact: vijaya.a.patil@gmail.com