5 installation steps to complete before the RMarkdown workshop

1. Open up **RStudio**.

2. Install and download the **devtools** R package by running the following in the R console.

```r
install.packages("devtools") # To include the session information
library("devtools") # To include the session information
```

3. Check that you have the correct versions of **R** and **RStudio** by running `devtools::session_info()` in the R console.

Here, `devtools::` tells **R** to use the `session_info()` function within the **devtools** package rather than the `sessionInfo()` function within the **utils** package. Running `devtools::session_info()` allows us to see the version of **R** and **RStudio**.

Do you have the following versions of **R** and **RStudio**?

- **R:** `Version 3.3.0 (2016-05-03)`

- **RStudio:** `0.99.1172`

If you **do** then you are good to go!
If you **do not** have the correct versions of **R** and **RStudio**, please follow the Setup directions on our course page.

4. Install other R packages necessary for the workshop.

```r
## Install the necessary packages
install.packages("rmarkdown") # Make cool dynamic documents
install.packages("knitr") # Run R Code Chunks
install.packages("ggplot2") # For plotting
install.packages("DT") # Interactive HTML tables
```

```r
## Add packages to the current session to make sure they load correctly
library("rmarkdown") # Make cool dynamic documents
library("knitr") # Run R Code Chunks
library("ggplot2") # For plotting
library("DT") # Interactive HTML tables
```

5. If the packages loaded without any errors, then you are ready for the workshop!

If there were issues with the above packages please try:

- Troubleshooting by googling the error

- Bring the error to the workshop for someone to help you out.

  Looking forward to the workshop!