1. Setup Github account at [http://github.com](http://github.com/)

2 Install git

A. Windows :

<https://git-scm.com/download/win>

B. Mac OSX:

<https://git-scm.com/download/mac>

Run:  brew install git

Or Xcode

C. Create new project on Github.

3. Clone git project in Rstudio

4. Install Packages:

Run package update from Package Menu in Rstudio

Note: Run package update once a day

dplyr,

tidyr

ggplot2

rmarkdown

dlookr

DT

flextable

scales

5. Begin R coding sessions.

A. Create new Rmarkdown file

C Import data

D. \*\*Clean data\*\*(80% of your time)

E. Summary Stats

F. Data Visualization (ggplot2)

9. Introduce Data Sources

A. TidyTuesday weekly data project (and clone)

10. Homework

A. Subscribe to Julia’s YouTube channel and watch one of her video.

<https://www.youtube.com/channel/UCTTBgWyJl2HrrhQOOc710kA>

B. Subscribe to David Robinson’s YouTube channel and watch screen-cast

at 9:00PM (Vienna Time) Tuesday night.  
 https://www.youtube.com/channel/UCeiiqmVK07qhY-wvg3IZiZQ

15. Bonus:

A. Upgrade to latest version of R, Rstudio and Rtools40 (Windows):

https://cloud.r-project.org/ R Language and Rtools40 (click and "base" and "Rtools")

https://rstudio.com/products/rstudio/download/ Download and install Rstudio

B. Upgrade Mac OSX to latest and greatest versions of R and Rstudio

(1st 5 minutes of video)

https://youtu.be/l-IWezLwJW4