

The Tool Chain

There are a lot of tool chains for evaluation

This is one:

- R
- RStudio
- Markdown
- Git

Why R?

R and Python are the large data science languages. You should probably be able to handle a little SQL, which we may also work with.

Why RStudio?

Pretty good IDE that has a point and click interface for a lot of things.

- Works with R and Python
- Works with SQL
- Markdown and \LaTeX are implied

Why Markdown?

- Actually Markdown and Knitr or Sweave and L^AT_EX
- Analysis code and text (comments) in same document.
- Formating is done by computer not you doing point and click.

Git

- Allows sharing and version control.
- Not optimal for text but great for code.

Lets do some git things.