Reproducible Research with RMarkdown

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What is Reproducible Research?

The main idea with Reproducible Research, in my opinion, is to be able to communicate clearly with other about your research efforts working with data.

This is what RNotebooks are designed to produce. RNotebooks use RMarkdown. Markdown is a simple language that can be “compiled” into many different types of documents using pandoc.
RStudio provides many types of support using RNotebooks.

- RStudio
- RStudio Cheatsheets
- RStudio Cheatsheet: IDE
- RStudio Cheatsheet: R Markdown
- RStudio Cheatsheet: R Markdown
Test out RNotebooks and RMarkdown

Try the different options to use with RMarkdown.
The first is to start an RNotebook.
Interactive Web Applications in R with Shiny

Go to the RStudio and click on RStudio Shiny.
Check out the gallery of examples.
RStudio provides many types of support using Shiny.

- RStudio
- RStudio Cheatsheets: shiny
- RStudio: Learn Shiny
If you do not have an RStudio Cloud account you should get one and try R in the Cloud for free.
If you are not part of the RStudio Community you should join that also.
Bay Area R User Groups

- BARUG
- R-LadiesSF
- The East Bay R Language Beginners Group

Next week on Tuesday I will be speaking at their Meetup.

- Oakland Ford GoBikes. Let's see how that are used.
Other R software

- Rpluplus
- Rplusplus beta-test
- Exploratory
- jamovi