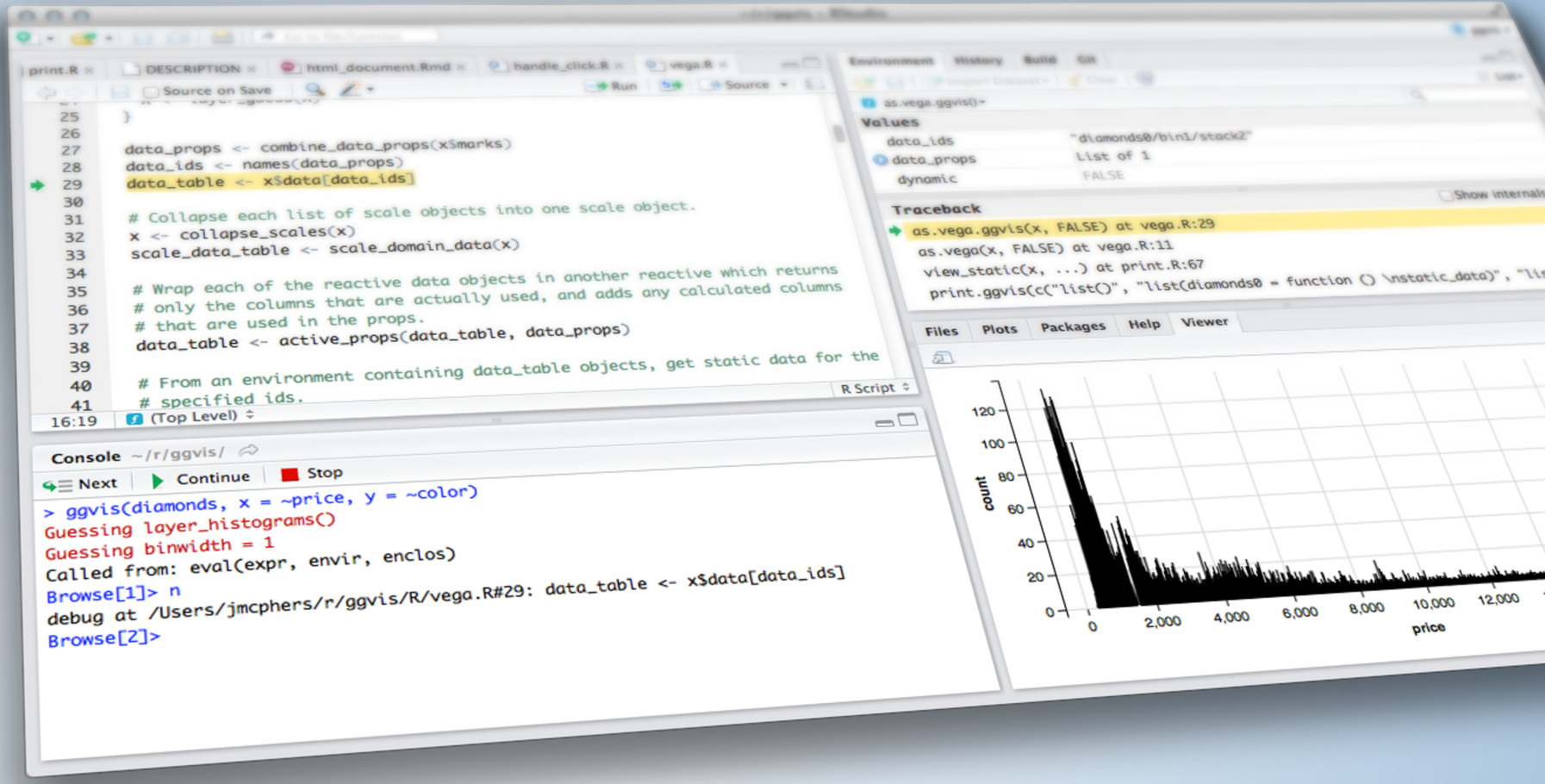
INTERMEDIATE SHINY WORKSHOP

- Hopefully you already have R and RStudio installed
- Install the meta-package for this workshop: remotes::install_github("jcheng5/ShinyWorkshopDeps")
- Materials: Download or clone the workshop repository at https://github.com/jcheng5/shiny-training-rstudioconf-2018



INTERMEDIATE SHINY

Shiny from RStudio™

@jcheng

deanattali.com

TEACHING ASSISTANTS

Bárbara Borges Ribeiro (RStudio)

Winston Chang (RStudio)

Alan Dipert (RStudio)

THANK YOU

Mine Çetinkaya-Rundel (RStudio & Duke University)

DAY 1

OUTLINE

- 9:00am - 9:15am - Welcome
- 9:15am - 10:30am - A fast introduction to Shiny (Dean)
- 10:30am - 11:00am - Break
- 11:00am - 12:30pm - Reactive programming (Dean)
- 12:30pm - 1:30pm - Lunch
- 1:30pm - 3:00pm - Understanding UI (Joe)
- 3:00pm - 3:30pm - Break
- 3:30pm - 5:00pm - Advanced reactivity (Joe)

DAY 2

OUTLINE

- 9:00am - 10:30am - Modules (Dean)
- 10:30am - 11:00am - Break
- 11:00am - 12:30pm - Bookmarking (Dean)
- 12:30pm - 1:30pm - Lunch
- 1:30pm - 3:00pm - Troubleshooting (Joe)
- 3:00pm - 3:30pm - Break
- 3:30pm - 4:00pm - Dashboards (Joe)
- 4:00pm - 5:00pm - Q&A

BACKGROUND

- You know what a Shiny app is, and may have even made a few of them.
- You are familiar with R as a programming language.

SHINY SHOWCASE

Shiny User Showcase

Shiny is designed for fully interactive visualization, using JavaScript libraries like d3, Leaflet, and Google Charts. Our users create fantastic examples, and some have shared them with the community. Here are some examples that we particularly like.

Shiny Apps for the Enterprise

MARKETING EFFECTS

See the effects of your marketing campaigns.

LOCATION TRACKER

Track locations over time with streaming data.

DOWNLOAD MONITOR

Streaming download rates visualized as a bubble chart.

PERSISTENT STORAGE

Save data from your apps to local files, servers, databases, and more.

Industry Specific Shiny Apps

TOURISM DASHBOARD

GENOME BROWSER

ER OPTIMIZATION

SUPPLY AND DEMAND

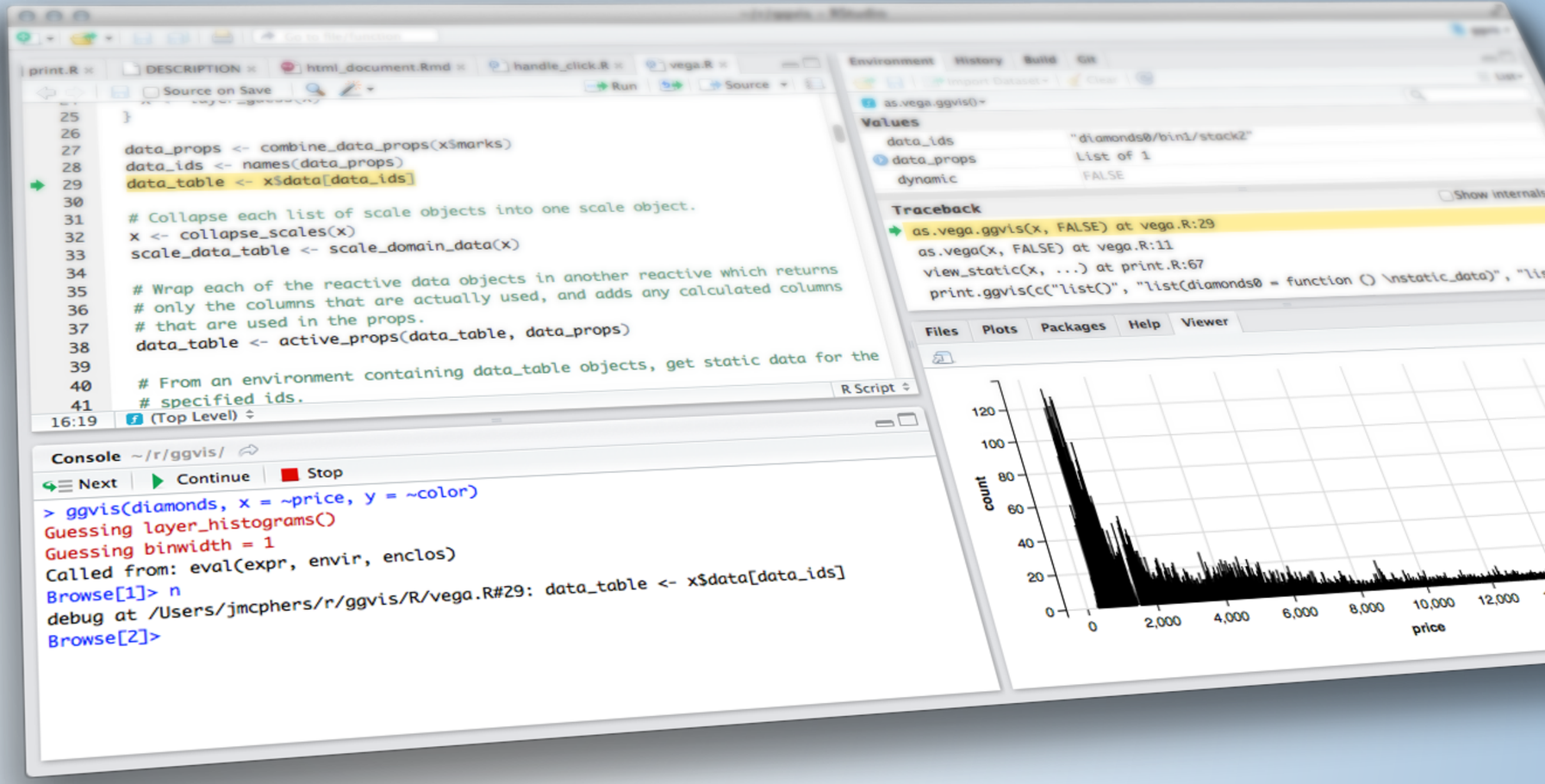
https://www.rstudio.com/products/shiny/shiny-user-showcase/

WHAT'S ON YOUR MIND?

- Any burning questions you came to have answered?
- What aspects of Shiny have you been struggling with?

IF YOU HAVEN'T ALREADY...

- Hopefully you already have R and RStudio installed
- Install the meta-package for this workshop: remotes::install_github("jcheng5/ShinyWorkshopDeps")
- Materials: Download or clone the workshop repository at https://github.com/jcheng5/shiny-training-rstudioconf-2018



INTERMEDIATE SHINY

Shiny from RStudio™