

# Data Visualization with R Shiny tutorial

Ariane Ducellier

University of Washington - Fall 2023

# Sharing with Gist

Go to <https://gist.github.com/>.

If you have a GitHub account, you should have an account on Gist too.

Create a project with a description, an `ui.R` and a `server.R` files.

Get the URL of your project.

In RStudio, run:

```
library(shiny)
runGist("https://gist.github.com/MyName/identifier")
```

# Sharing with GitHub

On GitHub, create a repository with your dataset, and the `ui.R` and `server.R` files.

In `rStudio`, run:

```
library(shiny)
runGitHub("repository_name", "user_name")
```

# Sharing through Shinyapps.io

Create a free account on <https://www.shinyapps.io/>.

In RStudio, install the package `rsconnect`.

When creating your account, Shinyapps.io will ask you to set your Shinyapps.io account information on RStudio by running:

```
rsconnect::setAccountInfo(name='yourname',  
token='some_token', secret='some_secret')
```

To deploy your application on Shinyapps.io, run on RStudio:

```
library(rsconnect)  
rsconnect::deployApp("/path/your_path_to_your_app")
```

Check on Shinyapps.io the URL of your application:  
<https://arianeducellier.shinyapps.io/magnitudes/>