**RStudio and ShinyApps Setup**

Installing R and RStudio

1. Download and install R language from <https://cran.r-project.org/>
2. After R is installed, download and install RStudio (Desktop) from <https://rstudio.com/products/rstudio/>
3. Begin using R by opening the RStudio application
4. For more details see <https://rstudio-education.github.io/hopr/starting.html>

Connecting RStudio to Shinyapps.io

1. Go to <https://www.shinyapps.io/>
2. Click “Sign Up”
3. Enter email address and chosen password or sign up with Google or Github
4. Choose an account name and press “Save”
5. You will be redirected to a “Getting Started” page with instructions for connecting shinyapps.io to RStudio:
   1. Run command install.packages('rsconnect') in RStudio console
   2. Copy authorization command rsconnect::setAccountInfo(…) and run in RStudio console
6. If not directed to “Getting Started” page:
   1. Navigate to Account>>Tokens on side panel
   2. Click the “Show” button beside the token
   3. Copy authorization command rsconnect::setAccountInfo(…) and run in RStudio console
7. Alternatively:
   1. Click drop-down menu next to Publishing icon 
   2. Choose “Manage Accounts…”
   3. Click the “Connect” button
   4. Choose ShinyApps.io
   5. A Connect ShinyApps.io Account box will pop up
   6. Go to your ShinyApps account and navigate to the Tokens page
   7. Click the “Show” button beside the token
   8. Copy authorization command rsconnect::setAccountInfo(…) and paste into dialogue box in RStudio
   9. Click “Ok”
8. For more information, see <https://shiny.rstudio.com/articles/shinyapps.html>

Publishing to ShinyApps

1. Click Publishing icon 
2. Select all files to be published
3. Click “Publish” button
4. If you want to publish to a location other than the default, choose “Other Destination” from the Publishing drop-down menu.