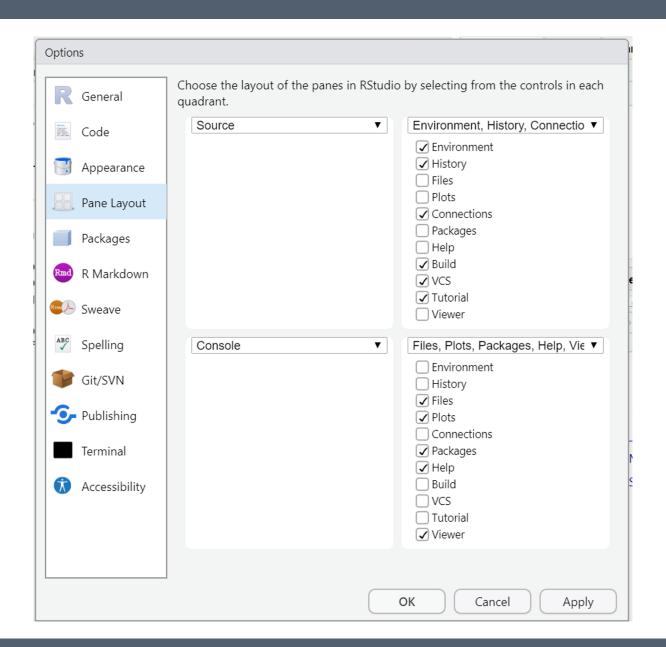
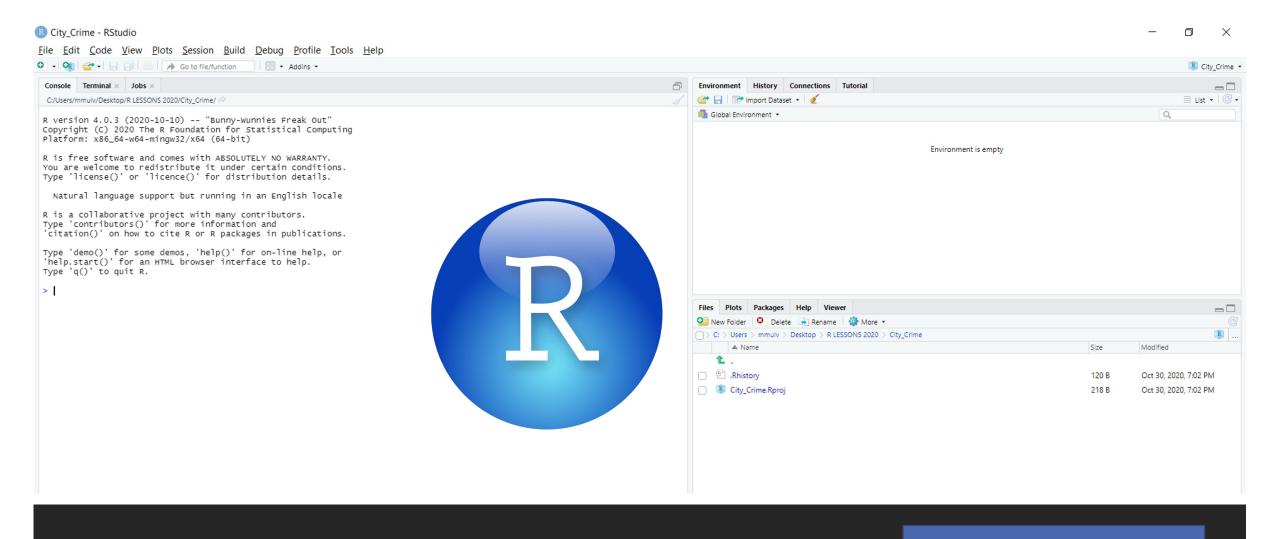


Introduction to R

JO 521



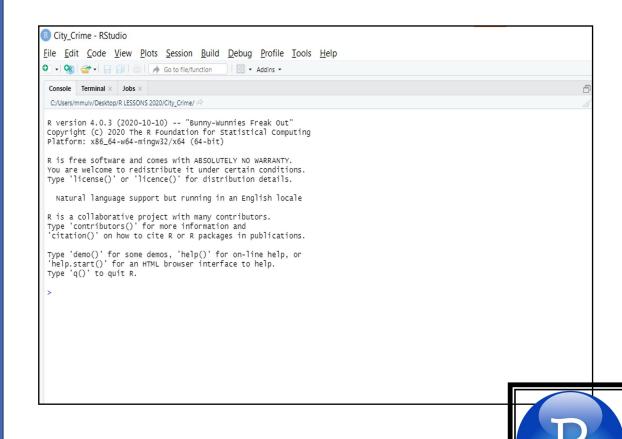


Getting to Know the R Environment

When we first launch R Studio, we see this:

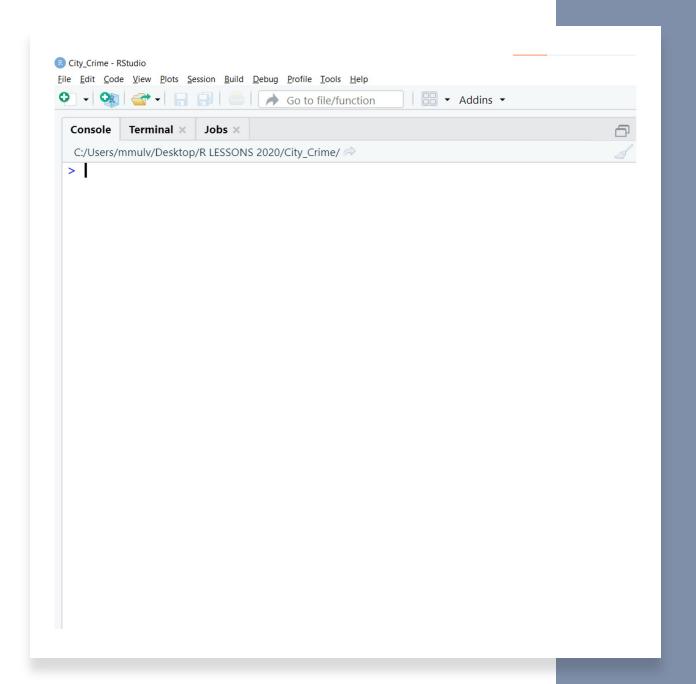
The Left Side Is The CONSOLE

- There are three tabs CONSOLE, TERMINAL and JOBS
- Let's focus on CONSOLE
- You run code in the console
- You can see results in real time
- Clicking up the Up Arrow will show you the most recent command you typed

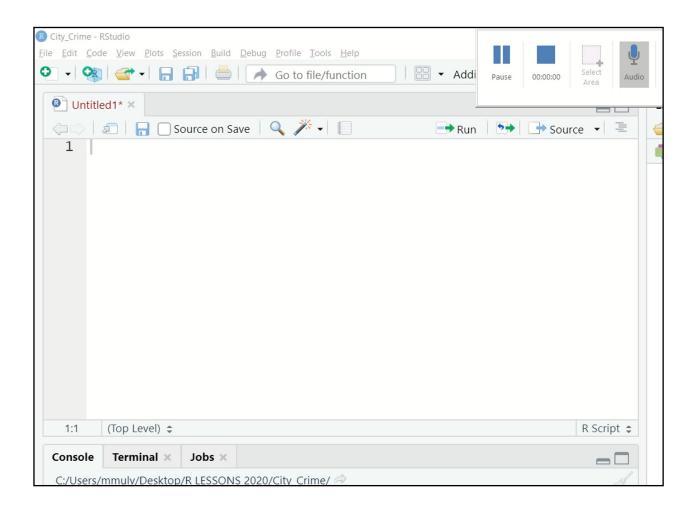




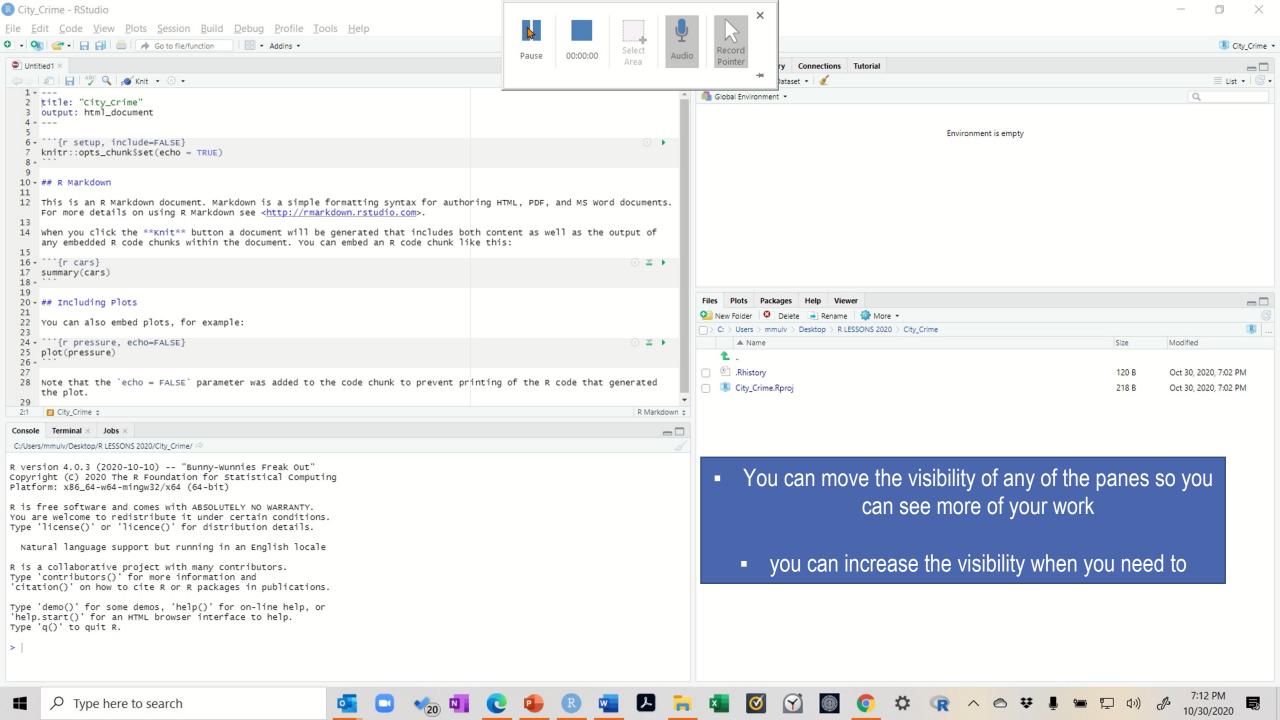
To Clear the Console Click CTRL or CMND L



Scripts v. Markdown





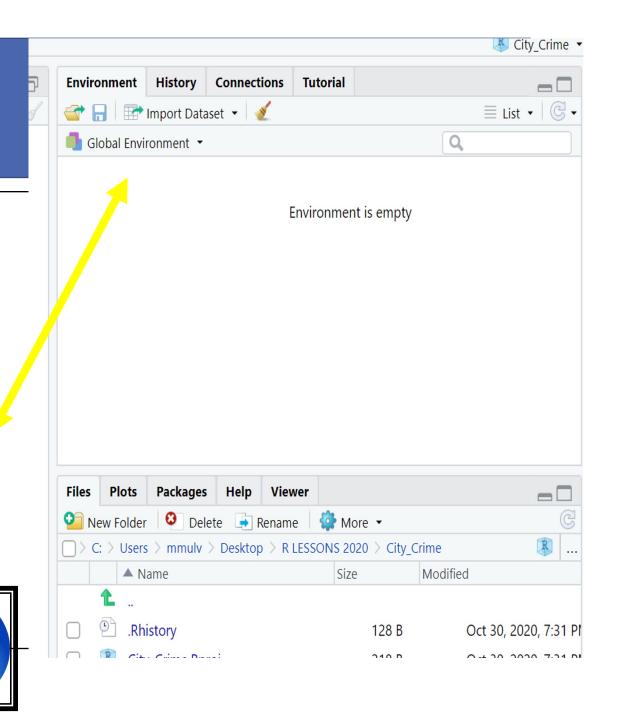


The Global Environment

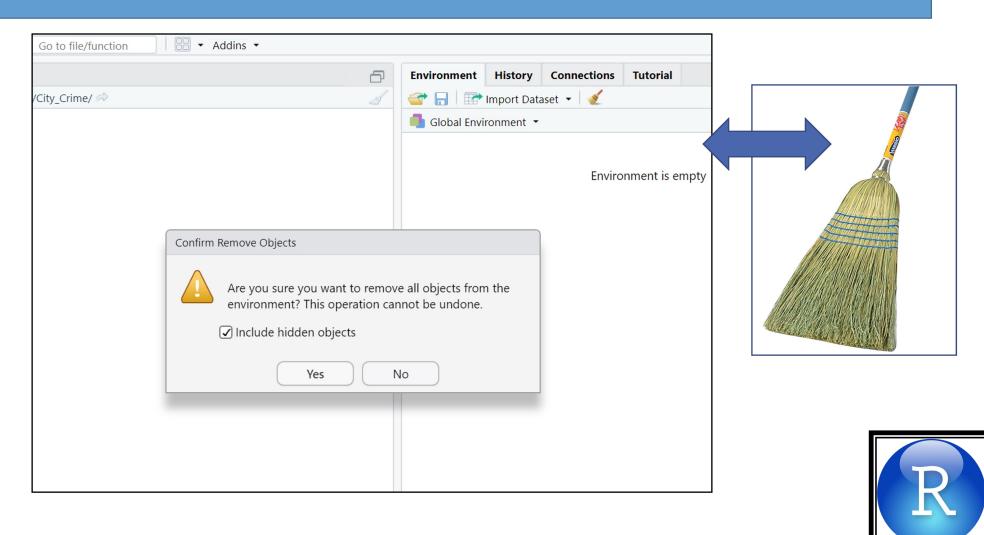
 On the upper right is the "Global Environment"

Any variables we import or data
frames we create will be stored here

 We can go under the Environment tab to see what we have

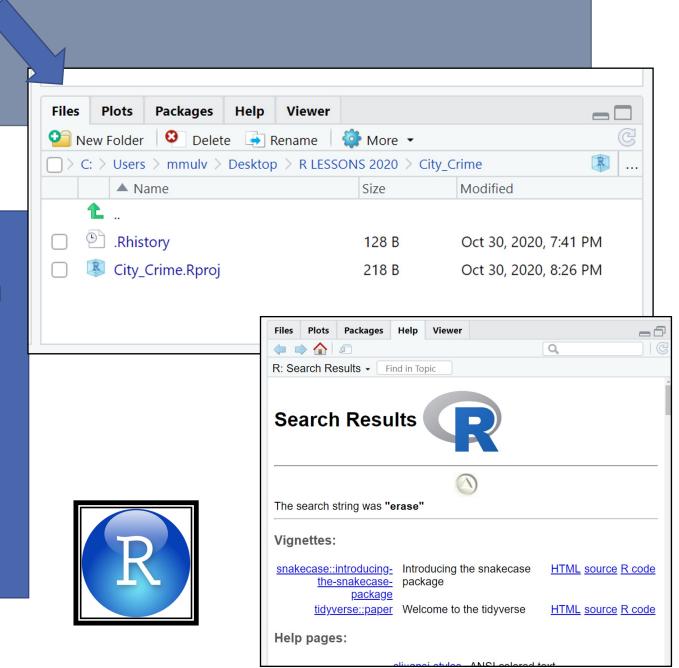


We Can Also Sweep Away Anything We Don't Need



The Files Window

- Our FILES window is on the bottom right
- This is where we see:
 - all our files
 - packages we've imported
 - And get help



Getting to Know the R Environment

- •# look around RStudio -----
- •
- •#There are 4 panes. We are currently in the script editor area
- •#In the upper right, note the Environment tab. When we import data or create an new data frames they will appear there
- •#In the lower right, the Files tab shows us what is stored in our working directory
- •#The packages tab shows us which packages are loaded on our machine; if checked, it's turned on for this project
- •#Any ggplots we make will display under the Plots tab

- •#The help tab is useful for finding out information about a particular package or function
- •#The Console (below) will display a trail of each of our steps and show output from what we do in the script but it will not be saved
- •#Terminal is something you would use if you connect your project to Github
- •
- •#Types of R files scripts, notebooks, RMarkdown, etc
- •#About R Notebooks: https://rviews.rstudio.com/2017/03/15/why-i-love-r-notebooks/