

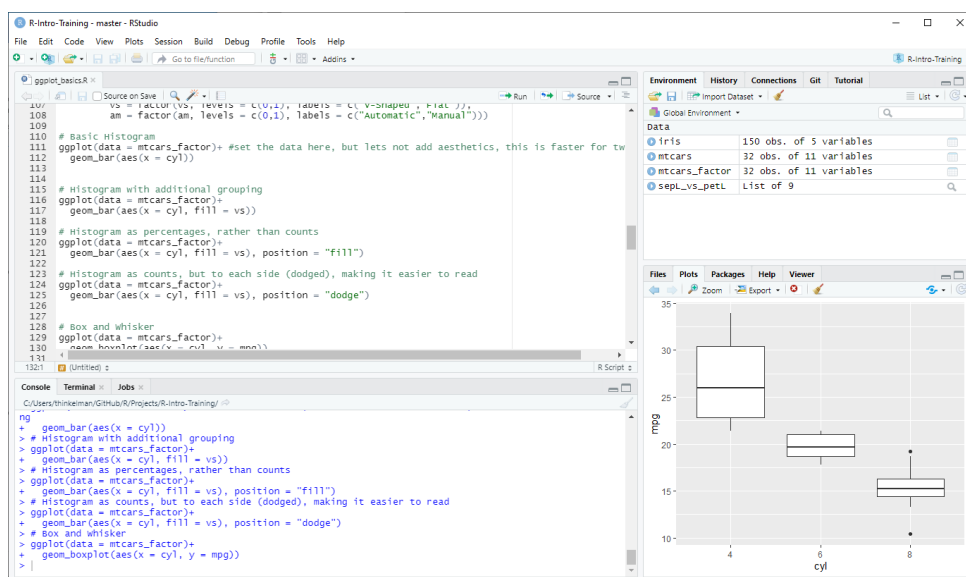
# Introduction to for Excel Users

Excel is one the most used tools for managing and visualizing data, but Excel-based workflows are inefficient and error-prone. R is a programming language for statistical computing with a relatively steep learning curve. However, a subset of R known as the tidyverse provides an accessible on-ramp to learning efficient, reliable, and reproducible workflows in R. In this series of internal trainings, we will introduce R via the tidyverse, particularly the dplyr, tidyr, and ggplot2 packages.

**WHEN**  
**Fridays**  
**3:30 – 5:00pm**

**WHERE**  
**Zoom**  
Meeting ID: 816 715 8120  
Passcode: 322523

Resources available on [GitHub](#)



**2020**

**NOV 6**  
R basics

**NOV 13**  
Data  
transformation

**NOV 20**  
Tidy data

**DEC 4**  
ggplot2  
basics

**DEC 11**  
ggplot2  
continued

**DEC 18**  
gridEXTRA

