

Suggested timeline

The R tidyverse

version March 21, 2019

- 10 min: Intro to workshop and data; Setup
- 30 min: Load data, types, structures, statements, operators
- 15 min: Exercise
- 5 min: Intro dplyr syntax
- 10 min: Select and filter
- 15 min: Exercise
- 5 min: Rename, arrange, mutate
- 15 min: Exercise
- **End day 1 for 3 x 2-hour workshop**
- 5 min: Recap and go over last exercise (if necessary)
- 10 min: Pipes
- 20 min: Exercise
- 5 min: Summarise
- 15 min: Exercise
- **End day 1 for 2 x 3-hour workshop**
- 15 min: Gather and spread
- 10 min: Intro to ggplot; piping from dplyr
- 10 min: Geom_point
- 15 min: Exercise
- **End day 2 for 3 x 2-hour workshop**
- 5 min: Recap and go over last exercise (if necessary)
- 10 min: Aesthetics in geom_point - color
- 15 min: Aesthetics in geom_point - shapes and others
- 15 min: Exercise
- 10 min: Geom_line
- 8 min: Geom_histogram
- 10 min: Exercise
- 2 min: Point out other geoms on cheatsheet
- 10 min: Facet
- 15 min: Exercise
- 10 min: Fine tuning and final plot
- **End of workshop**