

Optum Day 3

DS lecture 3 - Data Viz

Who uses your code?

Yourself, future personnel, and peers.

Code is empathetic

Good Code Characteristics

Easy to read

communicable

refactorable

Clean Formatting

Natural Language Prose

left to right

Dplyr

tibble(table) data frame + select() filter() %>% (pipe,"and then") <-
year_batting_summary<-

Objects + functions <prefix_action> %>% (pipe, "and then") <- code
"composition"

You can interact with section code by highlighting

Famous Plot: anscombe's quartet

regression is almost identical , but the distributions is vastly different

what happens if we compare stuff like the golden ration, pi, or Fibonacci ?

Polar coordinates: a new type of plot will generate Florence nightingales rose
diagram

Rstudio

Command Shift K - checking process

Command shift p

We have a grammar for graphics

8 layer concept: data, geometry, aesthetics (x axis y axis), scale, facet, stats,
coord, labels.

We did not follow along during class because I can't see and we will receive code
later.

Plotting: start at a high level concept, considering data capability, and then
take it one at a time.

UHG Meeting - Growth mindset

Always be learning
Failure is okay, keep going

DS LAB