

# BST 219

# Core Principles of Data Science

Lecture 10: Introduction to Data Visualization  
October 3, 2024



# Recipe of the Day!

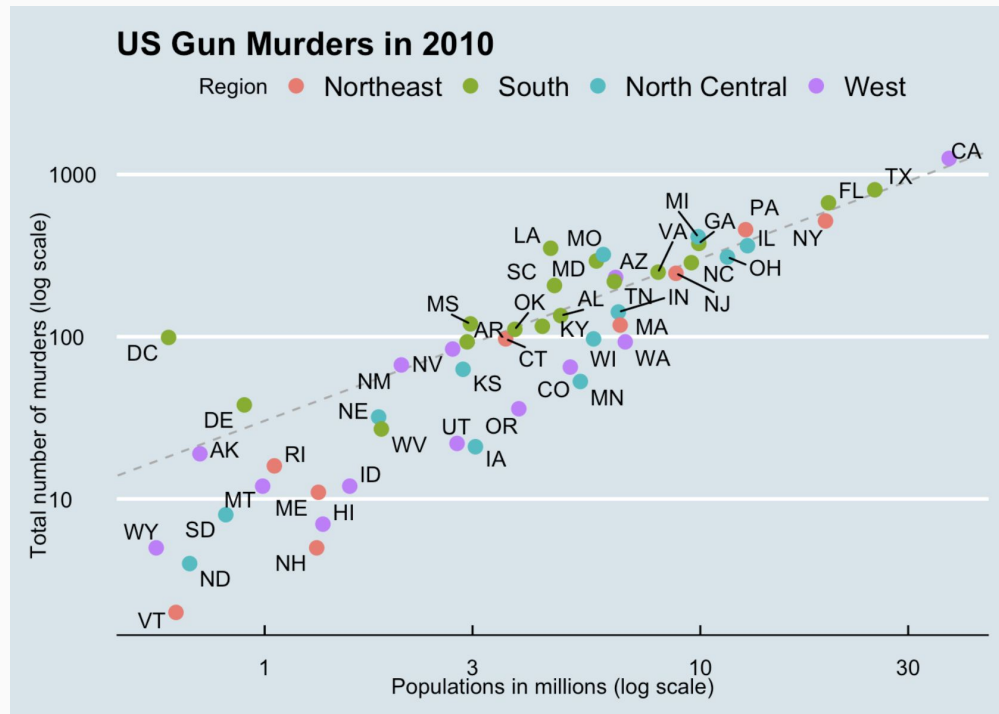
## Double Crust Chicken Pot Pie



When the pumpkin patch  
photoshoot conflicts with your nap  
schedule

# Agenda

- Announcements
  - No lab this week!
  - If you had issues committing and pushing your homework, please come to office hours or set up a time to meet with me or one of the TFs
- Continue the visualization module!



# Coding Question of the Day!

Using the **gapminder** dataset and **ggplot**, for the year 1986, plot **fertility** on the x-axis and **life\_expectancy** on the y-axis. Color the points according to **region**, and make the size of the points correspond to the **population** of the country.

Update the x and y axis labels to make them more informative. Hint: the arguments **color** and **size** will be useful inside of ggplot. Note: you will most likely get ugly legends - don't worry about that right now.

Make sure to run  
this code first

```
library(dslabs)
library(dplyr)
library(ggplot2)
data(gapminder)
```