BST 219
Core Principles of Data Science

Lecture 13: Introduction to Data Visualization
October 15, 2024

Recipe of the Day!
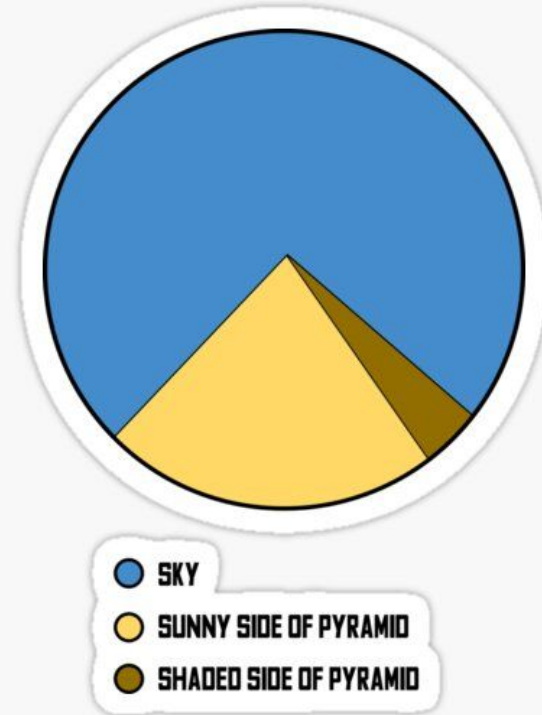
[Double Crust Chicken Pot Pie](#)

We had a lot of fun in Rye, NH this long weekend!

Agenda

- Announcements
  - Lab this week!

  - Homework 2 is due 10/25

- Continue the visualization module!
  - Visualization principles
  - Maps

Coding Question of the Day!

Using the `murders` dataset, create a plot of murder rates with 4 boxplots next to each other - one boxplot for each region.

Order the boxplots by median rate (you will need the `reorder` function for this).

Make sure the boxplots are different colors, the axes are informative, and you add a title.

Remove the legend by adding this layer to your plot: `guides(fill = "none")`

Make sure to run this code first

```
library(dslabs)
library(dplyr)
library(ggplot2)
data("murders")
```