

XP Booster

March 17

This challenge will be completed SOLO. You have the first several minutes of class. You will be using the LEGO dataset.

1. Visualize and describe the distribution for the number of pieces in a lego set. Be sure to write code, draw, and describe the distribution below.
2. Create a pairwise boxplots showing the number of pieces in easy lego sets vs challenging lego sets. Be sure to include code, and draw plots below.

Solution:

```
1 # Load Dataset
2 lego <- read.csv('/data/datasets/lego.csv')
3
4 ## Question 1
5 hist(lego$pieces, col='red', xlab='Number of Pieces', main='Distribution of
  Lego Pieces')
6
7 ## Question 2
8 easy <- lego$pieces[lego$difficulty=='Easy']
9 hard <- lego$pieces[lego$difficulty=='Challenging']
10 boxplot(easy, hard, col=c('green', 'red'), main='Number of pieces for easy and
  challenging sets')
```