

Specs - plotr

Guangming Lang, data scientist @ Cabaceo LLC

2016-07-20

Specs

1. Visualize the distribution of a variable
 - continuous - histogram, QQ plot
 - categorical - barplot of frequencies
2. Visualize relationship between any two variables
 - continuous vs. continuous - scatterplot
 - continuous vs. categorical - boxplot
 - categorical vs. categorical - **mosaic plot**
3. Visualize relationships amongst 2 continuous and 1 categorical variables
 - put the two continuous variable on a scatterplot
 - color the points using the categorical variable
4. Allow users to change scales of both the x-axis and y-axis.
 - comma (default, eg: display 500,000 instead of 500000)
 - log
 - log₁₀
 - log₂
 - percent (eg: 35%)

Remarks

- Use dynamic graphs for the app. No report needed.
- Useful R packages: **ggvis**