Udacity Tableau Final Project
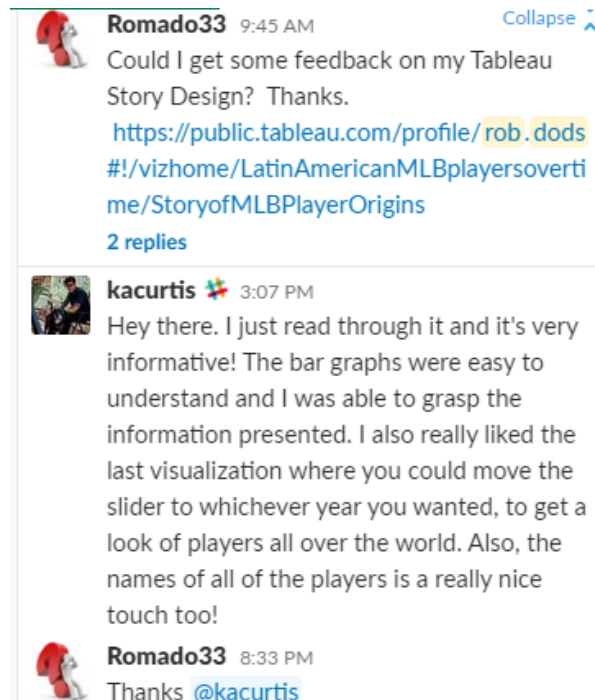
Summary: I used the full Lahman's baseball database dataset for this explanatory visualization project (http://www.seanlahman.com/baseball-archive/statistics/). This dataset comes with data on various aspects of baseball, but for this project, I only included the batters, pitchers, and players' datasets.

After examining the data, specifically birth countries of players, I noticed a trend in the amount of Latin American players increasing over the years, so my data visualization is a Tableau Story (https://public.tableau.com/profile/rob.dods#!/vizhome/LatinAmericanMLBplayersovertime/StoryofMLBPlayerOrigins) which tracks the growth of Major League Baseball players of Latin American origin and highlights key years. It includes 12 dashboards, two of which have an interactive filter. All the dashboards containing data also utilize the tooltip feature.

Design: I had wanted to make a visualization that included different types of plots and had some interactive elements. I used all different types of marks to effectively visualize the data. The color is standardized across all worksheets. I included a symbol map to show cities of origin, , horizontal bar graphs with totals to track the number and percentage of players in key years, tables, and line graphs to show growth over time. For the interactive filter sliders, I originally wanted to add a page playback control to automate the animation of moving year to year, but I realized that it is not possible to have a page control effect more than one worksheet.

Feedback: I posted a link to my Tableau Public story and a request for feedback to the following locations:

- Reddit: https://www.reddit.com/r/tableau/comments/8dwh78/latin_americans_in_the_major_leagues_looking_for/

- Tableau Community: https://community.tableau.com/message/752420

- Udacity forum: https://discussions.udacity.com/t/latin-americans-in-the-major-leagues-can-i-get-your-feedback-please-thanks/667842

- Udacity Data Analyst Slack Channel:

Romado33 9:45 AM   Collapse ⌄

Could I get some feedback on my Tableau Story Design? Thanks.
https://public.tableau.com/profile/rob.dods #!/vizhome/LatinAmericanMLBplayersoverti me/StoryofMLBPlayerOrigins

2 replies

kacurtis 🌀 3:07 PM

Hey there. I just read through it and it's very informative! The bar graphs were easy to understand and I was able to grasp the information presented. I also really liked the last visualization where you could move the slider to whichever year you wanted, to get a look of players all over the world. Also, the names of all of the players is a really nice touch too!

Romado33 8:33 PM

Thanks @kacurtis

Edits due to feedback: I didn't receive much feedback at all from my requests in the form. Pictured above is the only feedback I got, but I showed my story to family members and by talking it over with them, I decided I needed to make the following improvements:

- Adding counts of players (I had originally just used percentages), but I realized that neither tells the whole story on its own, so both were necessary.
- Removing the player lists from the worksheets containing the bar graphs showing the player numbers in key years, and instead creating a separate worksheet with an interactive player list. I did this because the worksheets with both elements looked too messy.
- Adding explicit axis labels (instead of the default), to make the appearance cleaner and easier to understand.
- Adding a 'Cover Page' dashboard to the story to introduce the topic right from the start.
- Adding a worksheet showing first MLB players from each Latin American Country, I thought this added an interesting bit of information to the story.

Resources:

For this project, I used

1) Udacity course materials
2) Tableau forums located at community.tableau.com