Udacity Tableau Project

Link to Initial:
https://public.tableau.com/profile/adrien.viani#!/vizhome/story_v1_31/Story1
Link to Final:
https://public.tableau.com/profile/adrien.viani#!/vizhome/BaseballFinalVersion/Story1
Summary
This set of visualizations looks at Baseball data, with a focus on batting performance. The dataset examines the influence of handedness, height and weight and their possible influence on batting averages on weights. Within the story we see how handedness affects the distrution of batting average and home run count, how batting average appears to be inversely related to height and weight, and how batting average and home runs do not seem to have a clear linear relationship.
Design
I examined how handedness, height, weight, and batting average interacted with each other.

Initial Version
- scatterplot for batting average v. home runs
- bar charts for batting average and home run count by weight and height
- Box plots for home run count and batting average by dominant hand
- A combined dashboard at the end to summarize the visualizations

Final Version (based on feedback below)
- Adjusted the layout by altering the boxplot to be side-by-side / not redundant. Changed the height weight measures to be binned, and be layed out side-by side / paired rather than four to one slide.
- Changed the title and variable name to batting hand. Adjusted the labels to be left, right, and both.
- Figured out I can put them side by side with the same labels, and added handedness counts to them.
- Adjusted the opacity of the scatterplot
- Added appropriate filters to each of the graphs / dashboards
- changed some of my interpretations of height / weight effect
- Created bins for each of the variables and altered the plots to better reflect the data. This
- Add unit labels across graphs
- Resized the story blocks across the top for minimal scrolling

Feedback
My roommates were each asked for feedback; Here's what they came up with!
(And what I did to fix it)
1) The initial plot layout feels "cramped" and difficult to read on a couple of the multi-plot pages.
2) What does handedness mean? Does BLR correspond to both, left, right?
3) Do the box plots need to be on top of each other, the labels are redundant.
4) Are the points supposed to be massed / dark when looking at batting average? It's tough to know which point is being highlighted in the plot.
5) Is it possible to control plot output for adjusting height / weight, and handedness?
6) It looks like there are gaps in height and weight data, are there?
7) What units are height and weight in?
8) Scrolling in the text blocks is tough and a pain