

Refinement and User study - Does Modern Music Suck?

Changes made for second iteration

1. Added an about page
2. Added summary analysis for each visualization
3. Songs over time
 - a. Changed meaning of # of bins to Year intervals for more intuitiveness
4. Producers
 - a. Made it clearer on who produces hit songs by expanding tooltip and adding chart title
 - b. Added list of top 10 producers
 - c. Added commentary for each decade
 - d. Improved look/feel of spinning animation, including beginning with a blank record until a decade is selected
 - e. Restructured code for ease of interactions between list and pie chart
5. Characteristics
 - a. Took away blue fill to provide more clarity on visualization
 - b. Added a tooltip to implement more interactions
 - c. Blended previous streak visualization with the over time characteristics using a slideshow format
 - d. Highlighted years 1960s/70s and 2000s where the most drastic changes occurred from our first visualization (60s/70s had the most songs vs. 2000s). But also the 60s, 70s, and 2000s actually also had the top 4 best performing songs over the years. This was more appropriate and told a better narrative.

Video Interviews

- [User 1](#)
 - Key Insights:
 - Scrolling was too “jerky”, make smoother/slower
 - Wanted explanations for each visualization at the top of the page to read first
 - Liked the overall color scheme and the animations
 - Found the topic relevant and interesting
- [User 2](#)
 - Key Insights:
 - Would improve the scrolling mechanism, kept snapping too far, took a bit of work

- Really enjoyed the narrative, felt that it was easy to understand what our task was and how we came up with the analysis. Found the study insightful.
- [User 3](#)
 - Key Insights:
 - Improve scrolling mechanism: make it slower with less jerk
 - Liked the topic and the narrative
 - Confused by triangle visualizations – needed explanation
 - Can't see commentary and decade on the same screen for producer and histogram visualizations
 - Histogram 'all years' setting is confusing
 - Some issues with overlap
- [User 4](#)
 - Key Insights:
 - Fix the scrolling mechanism: jerky, hard to scroll through smoothly and pulls away from visualization
 - Likes the animation and suggests that we continue the background animation throughout the entire site (unsure as it may be distracting)
 - Interactive parts of visualizations helpful in understanding what we're trying to portray
 - Consider changing the colors we use in layout (the neon colors ie. pink)

Summary + Plans for new improvements

In our next iteration, we will be working primarily on the user functionality to make scrolling between pages more seamless for the user. We also want to continue improving the narrative of our visualization by including short, detailed descriptions on each visualization and add a bit more interactiveness between the line graph and the radar chart in the last visualization. Ensuring that commentary and visualizations are visible on the same screen will help make these interactions more intuitive.