

Team Member #2: Caroline Dixon

Group Topic: Correlations between Years of Experience, Frustrations in Data Visualization, and Education Level

Your Topic/Question: Correlation/trends regarding education level

Describe the diversity YOU bring to the group (150 words or less):

My diversity is being from California, as well as being Irish-Scandinavian American and a member of the LGBT community. I am also part of a small number of women pursuing careers in computer science, and part of an even smaller number of women pursuing careers in game development.

Include your story and visualization below (**do not go over one page**). Single spaced, 11-pt font, Times New Roman.

Personally, I mainly created drafts of some visualizations in order to test out certain associations between our chosen research variables. Most of my work that made it to the final version was done in the website and final report, as well as obviously the presentation video. Regardless, I did go through the data myself and was the one who discovered the drawback of how the “years of experience in data vis” variable was measured. That variable had a fixed number of answers that suggested it was collected via a dropdown menu or multiple choice answer, and the largest number of surveyees who answered that question answered “6-10 years,” and there was no way to break down the specific years of experience because it was a general multiple choice category. It definitely tested our ability to work around the issue but there was no way we could change our topic or fully fix the issue in good faith to what the data suggested (people during our presentation suggested we calculate the “6-10 years” category’s specific years of experience but that would not have been faithful or accurate to what the data measured). Overall, I think I found a lot of good correlations between variables that later went on to be refined by other members into full visualizations, and sent the rest of our group down on a good path to investigating the relationships between these three variables. Below is one of the visualizations that didn’t make the final cut that I did, all the other ones are revisions for other people’s visualizations.

Number of Surveyees Using D.V. in Each Education Level

