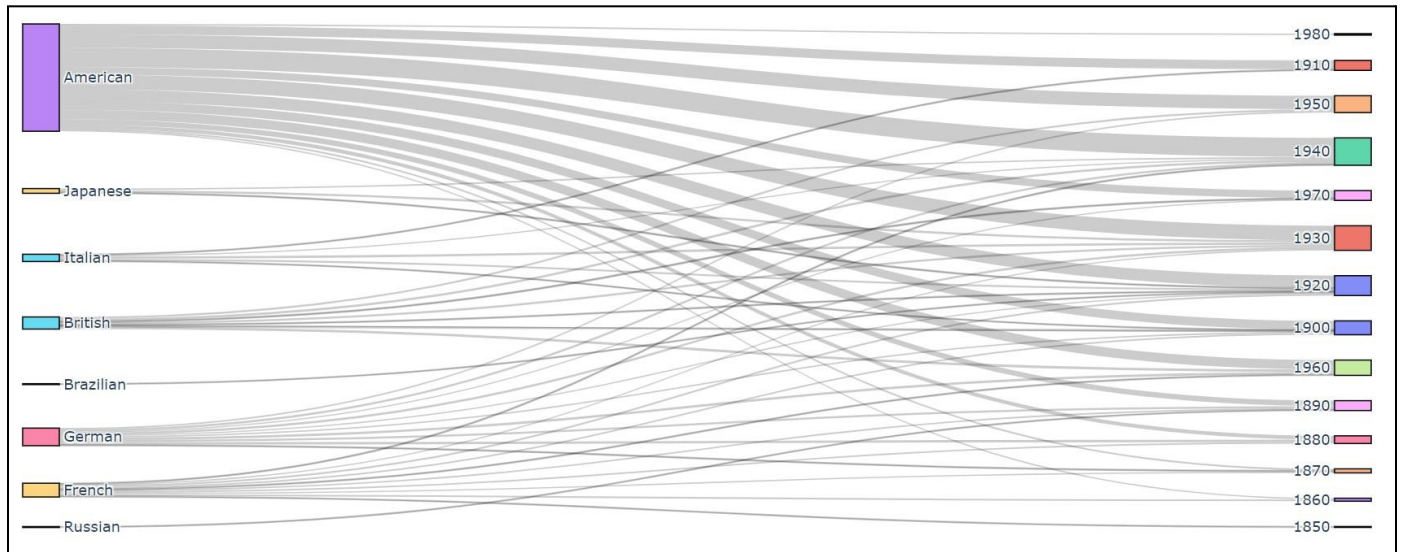
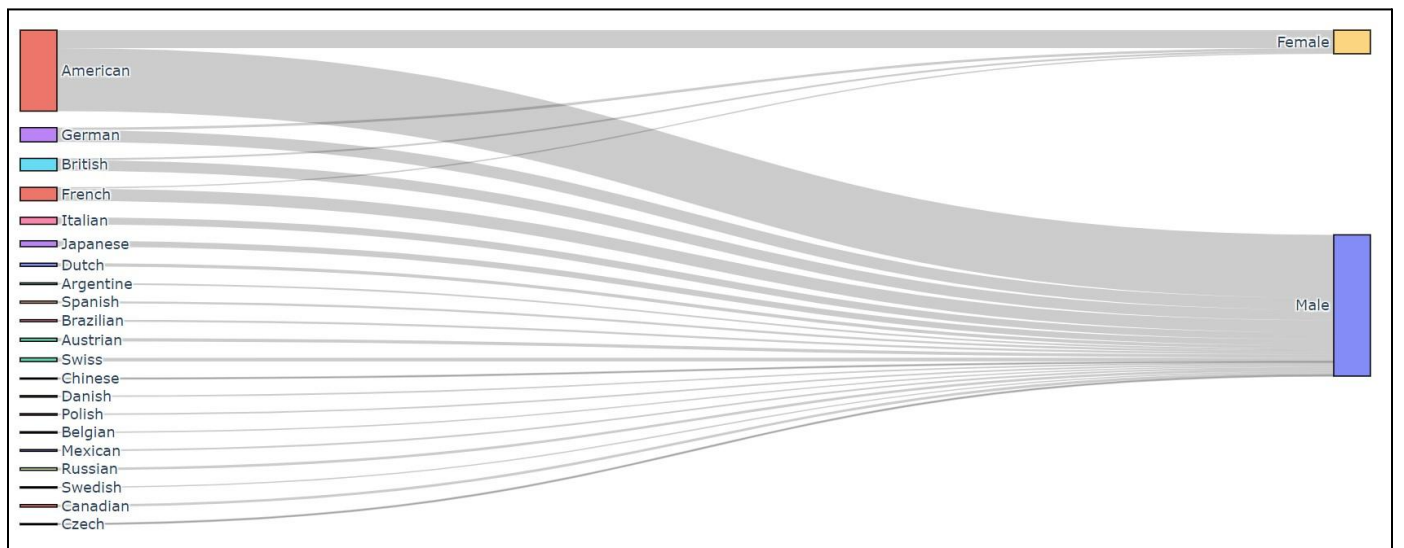


Artists Homework 1: DS 3500

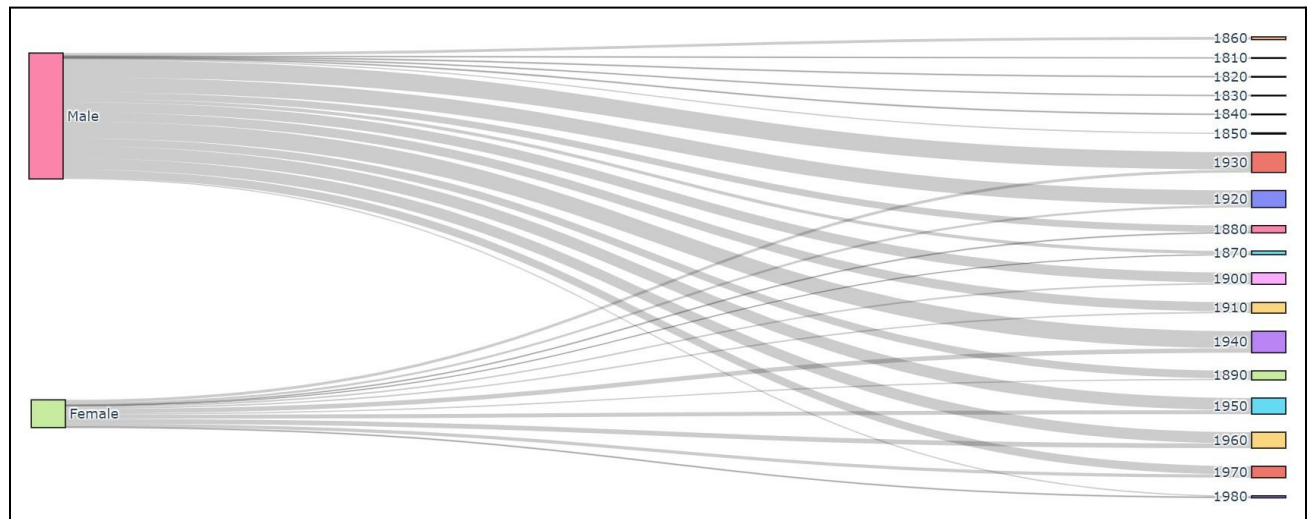
Nationality vs Decade Born Sankey Diagram:



Nationality vs Gender Sankey Diagram:



Gender vs Decade Born Sankey Diagram:



Interpretation:

The nationality and decade born sankey diagram has some possible interesting points, but without the background knowledge on how the museum collects art, you can't be sure how significant it is. There's a chance that since it is the Museum of Contemporary Art in Chicago, they prioritized American made work to display in the museum. On the other hand there is the possible trend that artists with different nationalities didn't begin to have their art shown until the 1900's or later, but without the understanding of how the Museum operates, there is no way to be sure whether the data tells the whole story.

The biggest insight from this visualization that does appear to be impactful is the clear gap in the amount of art made by men versus the amount of art made by women. While there is a chance the museum didn't have art from other countries purely due to access restrictions, women being such a vast minority doesn't have that simple explanation. The data then leads me to believe women are poorly represented among artists. The sankey diagram of nationality and decade born shows that no women born before the decade of 1870 had their art displayed in the museum and that the vast majority of artists displayed in general were male. In addition, as seen in the nationality and gender sankey diagram, women are very underrepresented from foreign countries with female artists only coming from America, Germany, Britain, and France.

Overall, this dataset shows the lack of artist diversity with gender and hints at a possible nationality bias that should be investigated further.