

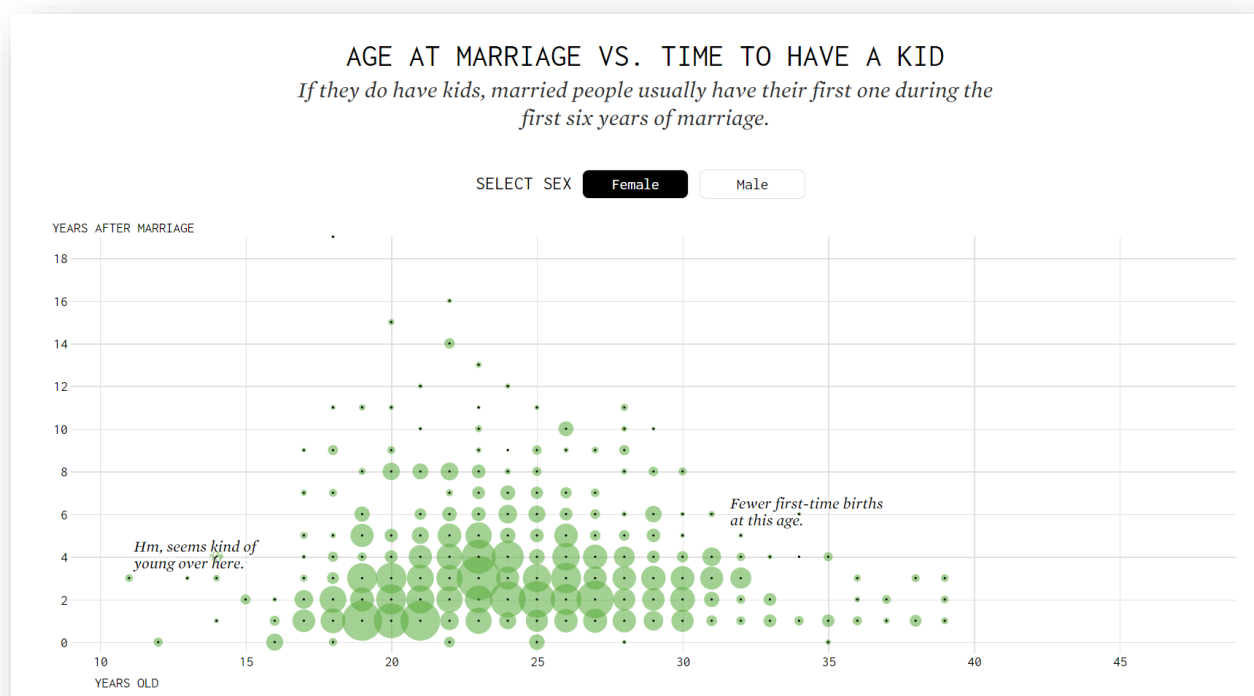
Assignment 1: Write a critique on a chart in published work.

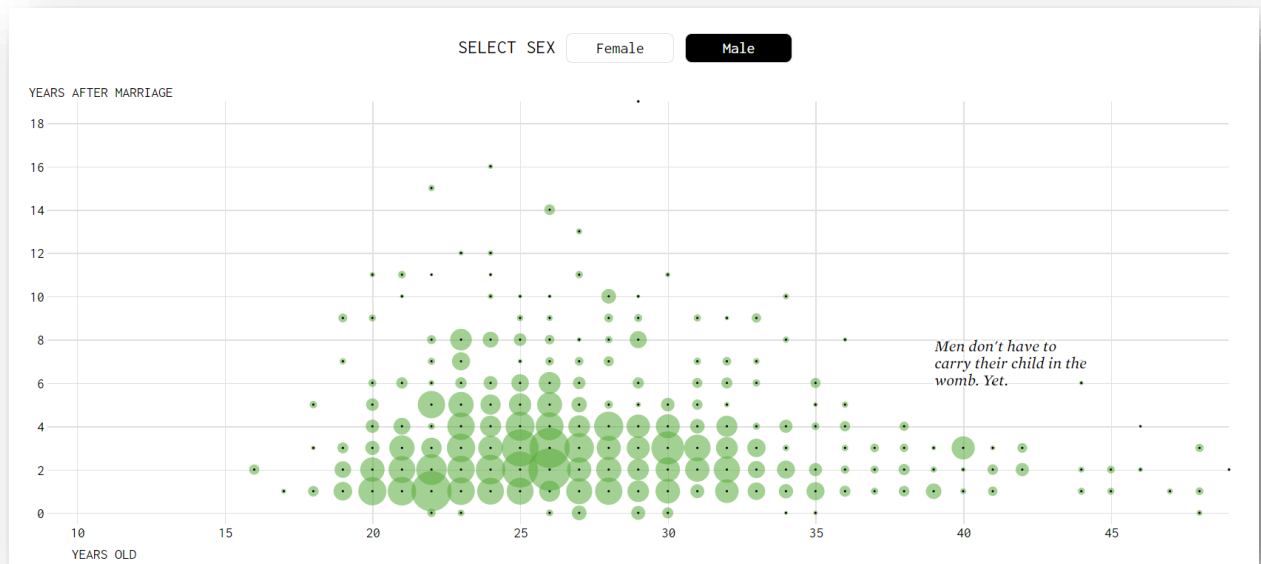
Published Article: After Marriage, How Long People Wait to Have Kids by Nathan Yau

This article depicts two charts, showing the data for Male and Female with data obtained from National Survey of family growth (NSFG) created by the Center for Disease Control and Prevention (CDC) between 2015 to 2017.

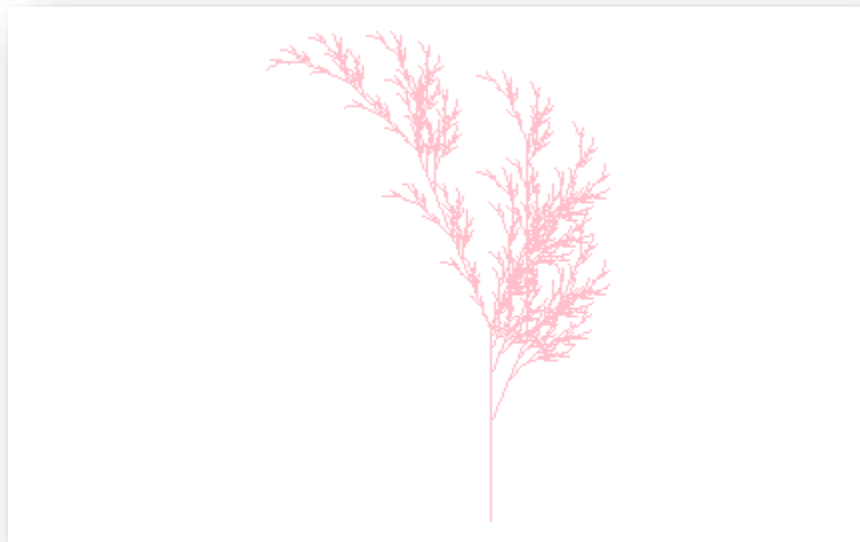
One may select to see the data analysis for Male and/or Female by selecting the sex button on the top of the chart. This is an interesting option, however, I would have preferred to see the chart side by side or expanded showing both genders but distinguishing the gender by a color code all in one graphic. However, as it is, this graphics is crowded for one gender alone. Perhaps stretching the horizontal axis could have help somewhat. One can see the concentration of age and years of marriage and almost immediately see when most females (in this graphic below) are having children. Also, the size of the circles provides extra information about the data. However, I am troubled by the dot around age 22 and 16 years of marriage, was this female 6 years old when she married? The age group and the number of years of marriage between 20 to 25 years old and the number of years of marriage is troublesome. I wonder if the data is correct or not looking at it.

All in all, this is a pleasant visual of the data and informative.





Part 2: Change the color of Fall.R



Part 3:

What is generative art?

Generative art is art created by using a program or system via algorithms using computers or other similar devices.