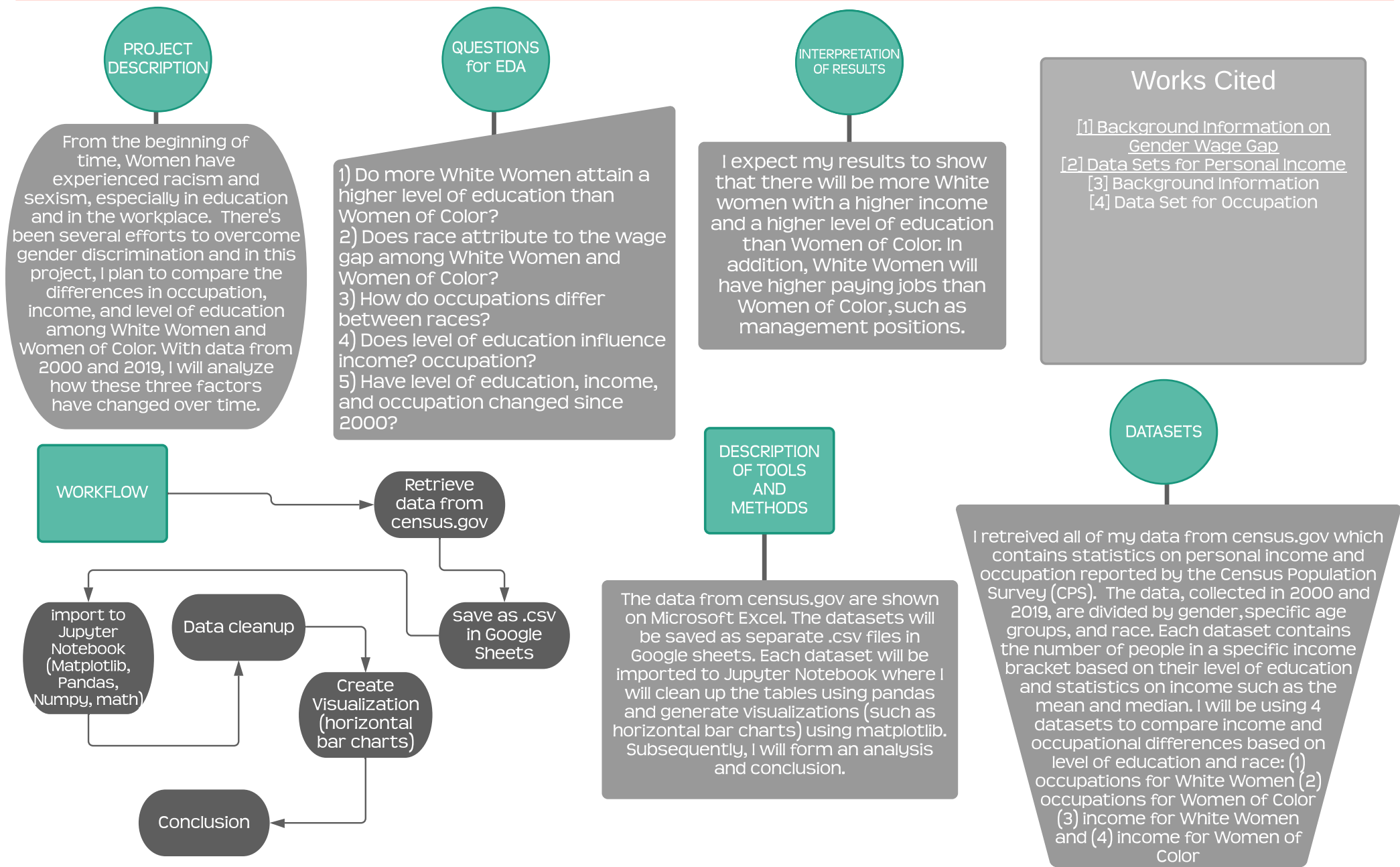
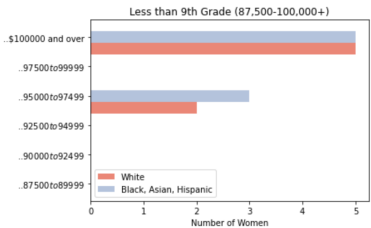


Women in the Workplace

Sammantha Garcia | 1 July 2021 | DIGHUM100 Adam Anderson

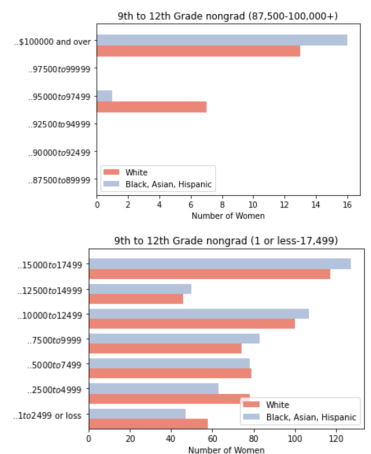


Less than 9th Grade



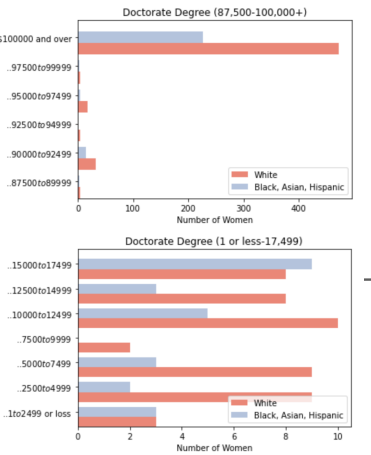
White Women and Women of Color interestingly have the same amount of individuals in the same income bracket, which happens to be the highest income bracket. This is surprising because "Less than 9th Grade" is the *lowest* level of education and the Women at this educational level, regardless of race, have an income of over \$100,000. Could it be said that the lower the educational level, the less likely a Women is to experience racial discrimination?

9th to 12th Grade (Nongrad)



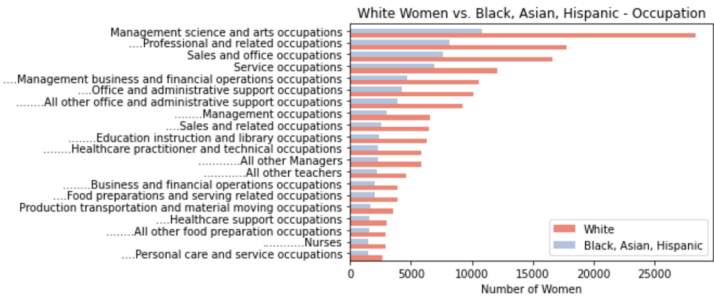
I noticed that White Women have a higher income as the level of education attained increases. However, out of all the educational levels, Women of Color have consistently surpassed White Women in income for the group: "9th to 12th Grade (Nongrad)." Could it be said that White Women typically earn a higher level of education than 9th to 12th Grade (nongrad), so there's not many individuals to report in this category?

Doctorate Degree



A doctorate degree is the highest educational level a person could achieve. In this group, the amount of White Women have surpassed Women of Color in most of the income brackets. It's important to note that although Women of Color have achieved the same highest educational level as White Women, there are still more White Women in this category altogether. Another thing to note is the number of Women in top bar chart, which is represented by the x-axis; the number of White Women is more than *double* the amount of Women of Color that earn over \$100,000.

Black, Asian, Hispanic Women vs. White Women - Occupations



This horizontal bar chart represents the top 20 occupations that employed the most Women; in this case, White Women and Women of Color have almost identical occupational categories. It's important to highlight that most White Women and Women of Color are employed under "Management science and arts." However, this occupational category has almost *triple* the amount of White Women than Women of Color. Similarly, each category in the bar chart which is represented by the y-axis shows that the number of White Women supersede Women of Color, indicating that there are generally more White Women in the workforce.

DATA ANALYSIS

After generating the horizontal bar charts for each educational level, it is clear that White Women typically earn a higher income than Women of Color (Black, Asian, Hispanic). Women of Color are also more likely to have service jobs (jobs that serve others, such as: restaurant and food industry, personal care workers, etc.), whereas more White Women hold positions in higher management or business. In addition, there are evidently more White Women in the workforce than there are Women of Color. The results of this project show that Women of Color are at a severe disadvantage in education and the workplace. By seeing where there are less Women of Color in a specific educational level, we can create global organizations that encourage and fund Women of Color so they can achieve a higher degree in the future. This project spreads awareness about how racial and sexual discrimination puts Women of Color lower on the social hierarchy; hopefully attention to these results will spark organizations that will promote equality for all Women around the world.