



Navigating the Dark World of the 1990s Corpo: Income Disparities Due to Gender and Race

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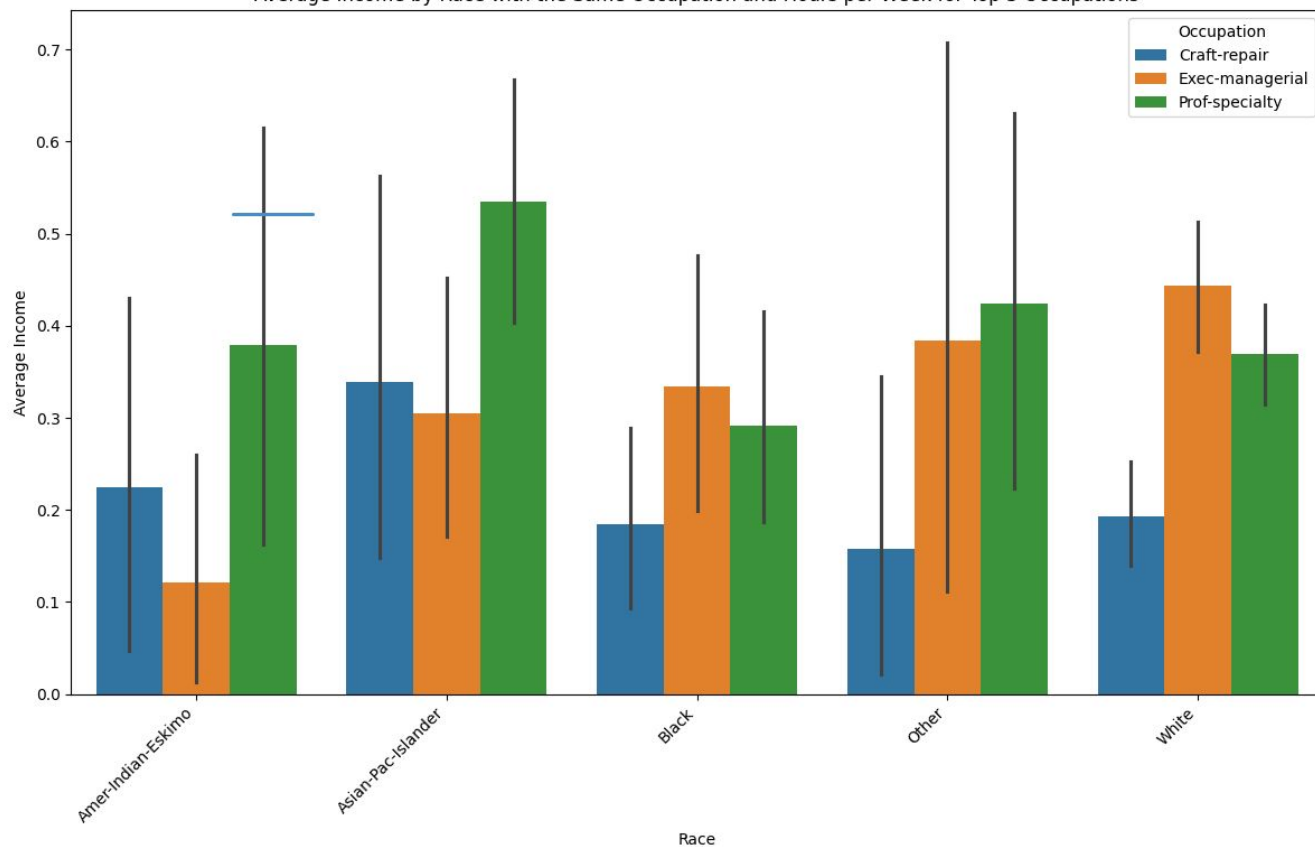


The Problem

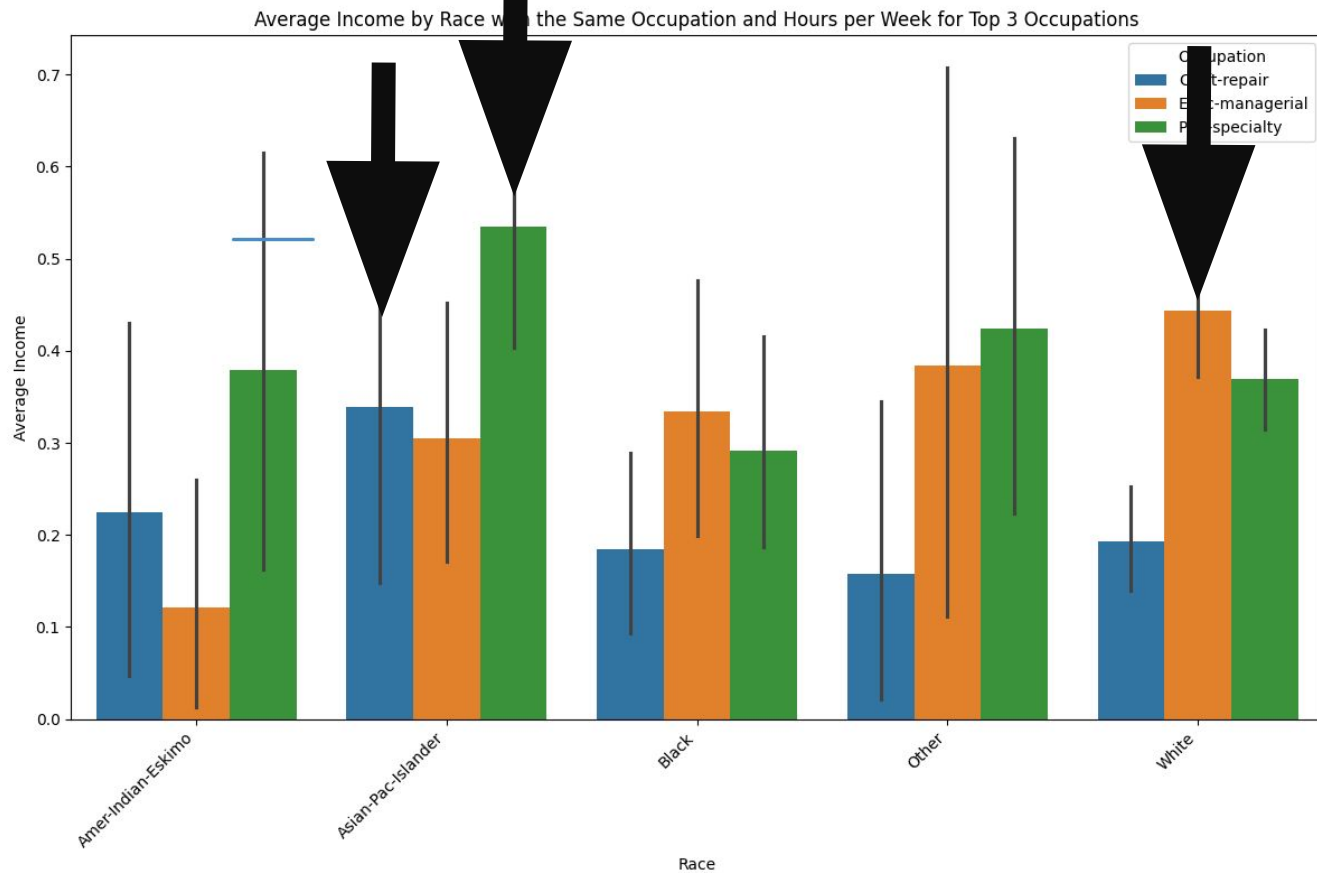
- While income equality is quite prevalent in most places in the world today, income inequality persisted in the past 1990s, or more specifically, the year 1994.
- To see if this is true, let us analyze the given dataset in <https://archive.ics.uci.edu/dataset/20/census+income> taken from the 1994 income Census database.

**Task 1: Top 3 Highest Paying
Jobs Around the World by the
least number of hours worked
per week in 1994**

Average Income by Race with the Same Occupation and Hours per Week for Top 3 Occupations



Asian-Pacific-Islanders Dominated
the '**Prof-specialty**' and
'**Craft-repair**' occupations while
Whites lead in the '**Exec-managerial**'
positions.

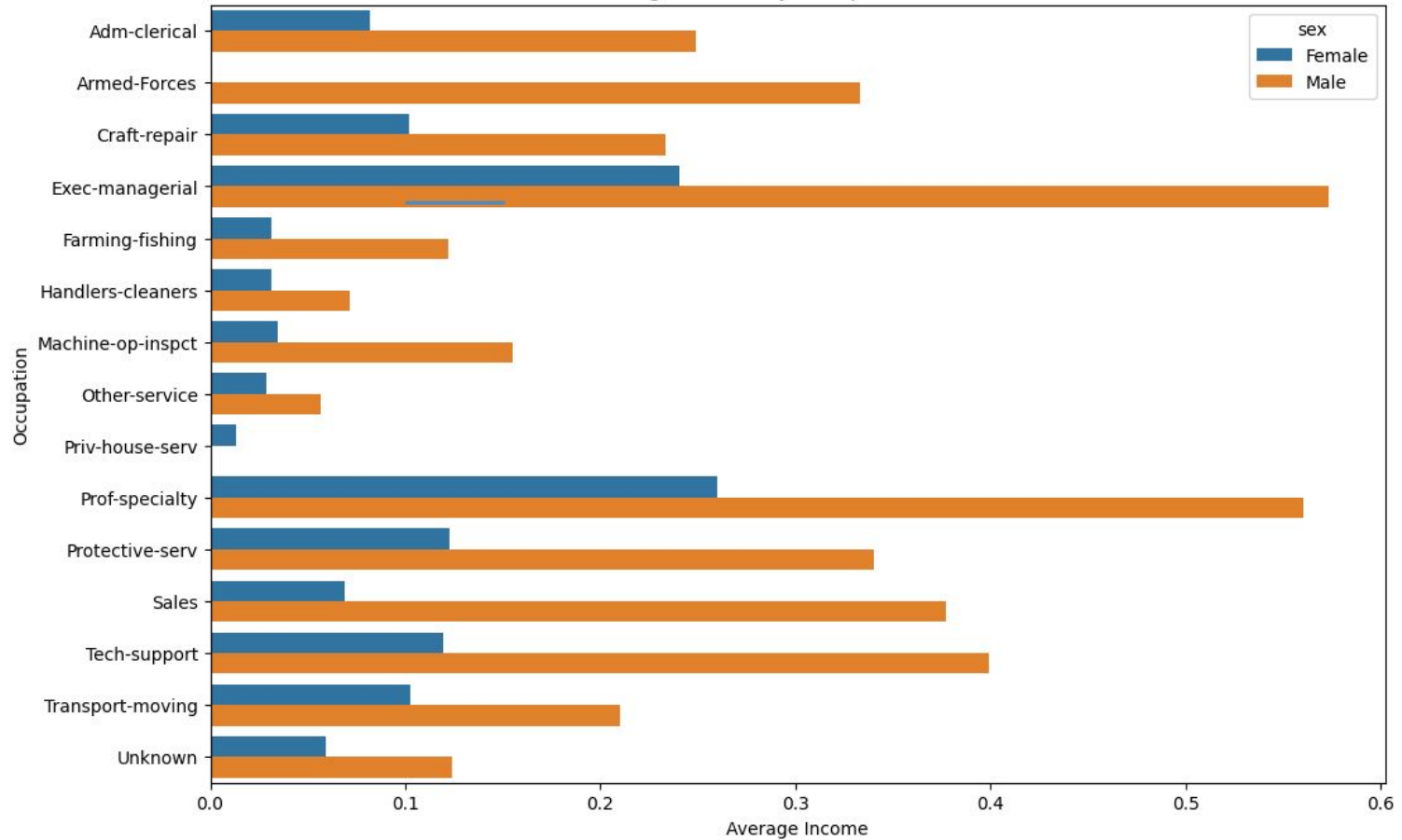


Analysis:

- The average income of all the top 3 occupations is higher than \$50K
- There are underlying Trends or Preferences within each race to take a specific job

Task 2: Did Sex Affect Income in the 1994 Income Census?

Average Income by Occupation and Sex

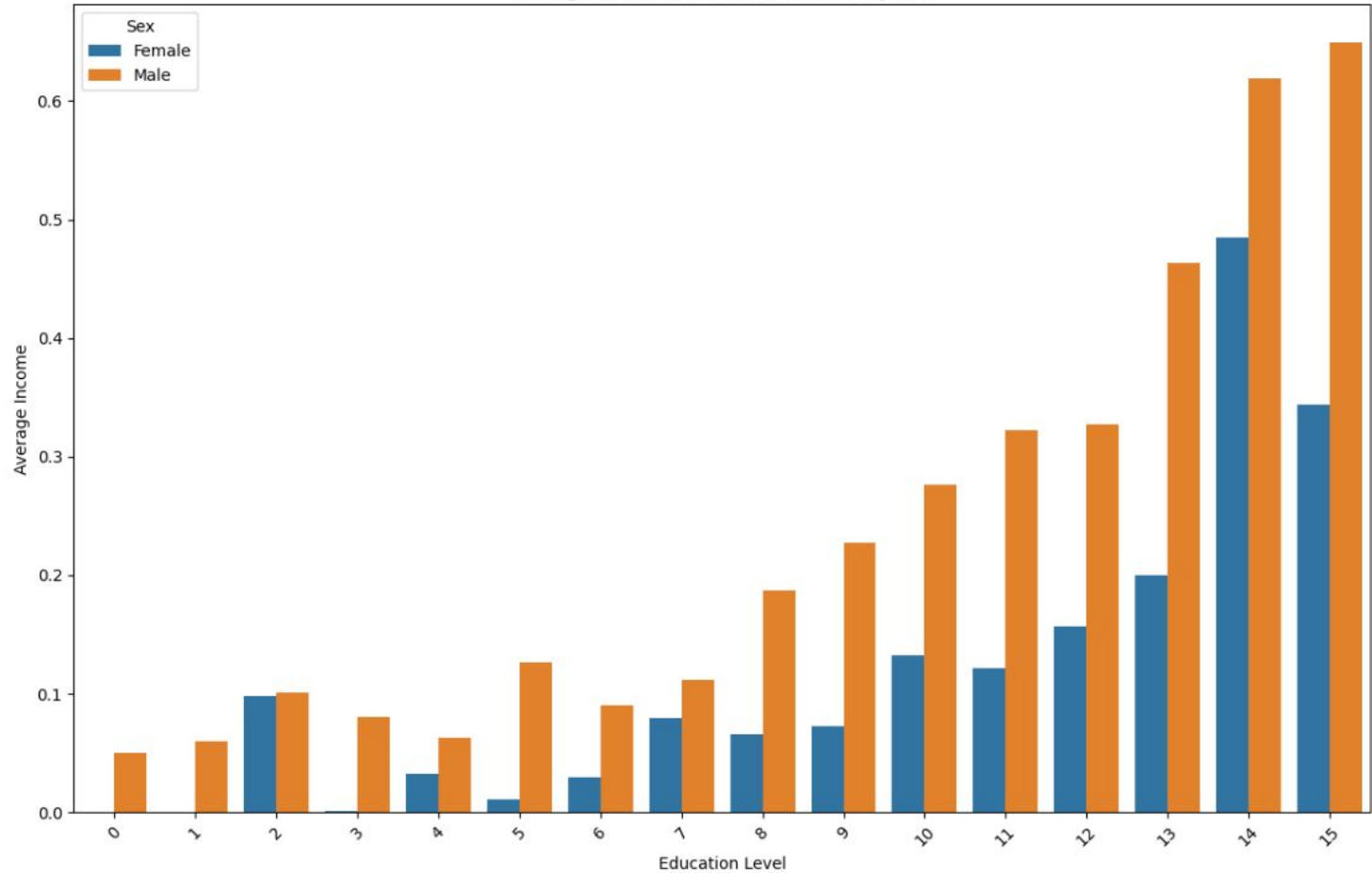


We can see that with just a glance, there is a **huge difference** between the average income of male (orange bars) to female employees (blue bars)

But is the **lack of knowledge and skill** of female employees the **reason** for the income disparity, and not their gender?

Task 3: Does higher education level mean higher pay in 1994 regardless of sex?

Average Income of Education Levels by Sex



At a glance, it can be seen that the **higher one's education is,** the **higher the general average income** would be.

But even though they have the same education level, there is **still a huge difference** between the **average income of male to female** employees.

Thus, we can confidently say that this is a problem on **Gender Inequality**.

So, what could they have possibly
done to solve this issue over the
years?

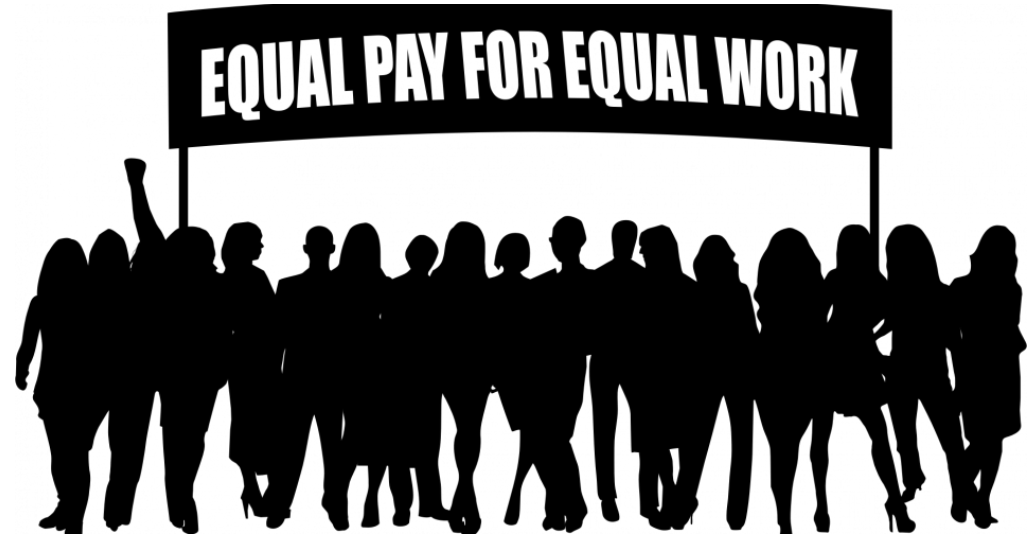
Raising Public Awareness



Actively Create and Pursue Inclusive Work Environments



Provide Equal
Opportunities to
all Genders and
Pay According to
their Knowledge
and Skills



That's all.
Thank you!

Image Sources

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