



INCOME DIFFERENCE ON MULTIPLE FACTORS IN 1994

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PROBLEM

There are many difference in income in 1994 caused by many variables or factors, in order to find them the students analyse the dataset

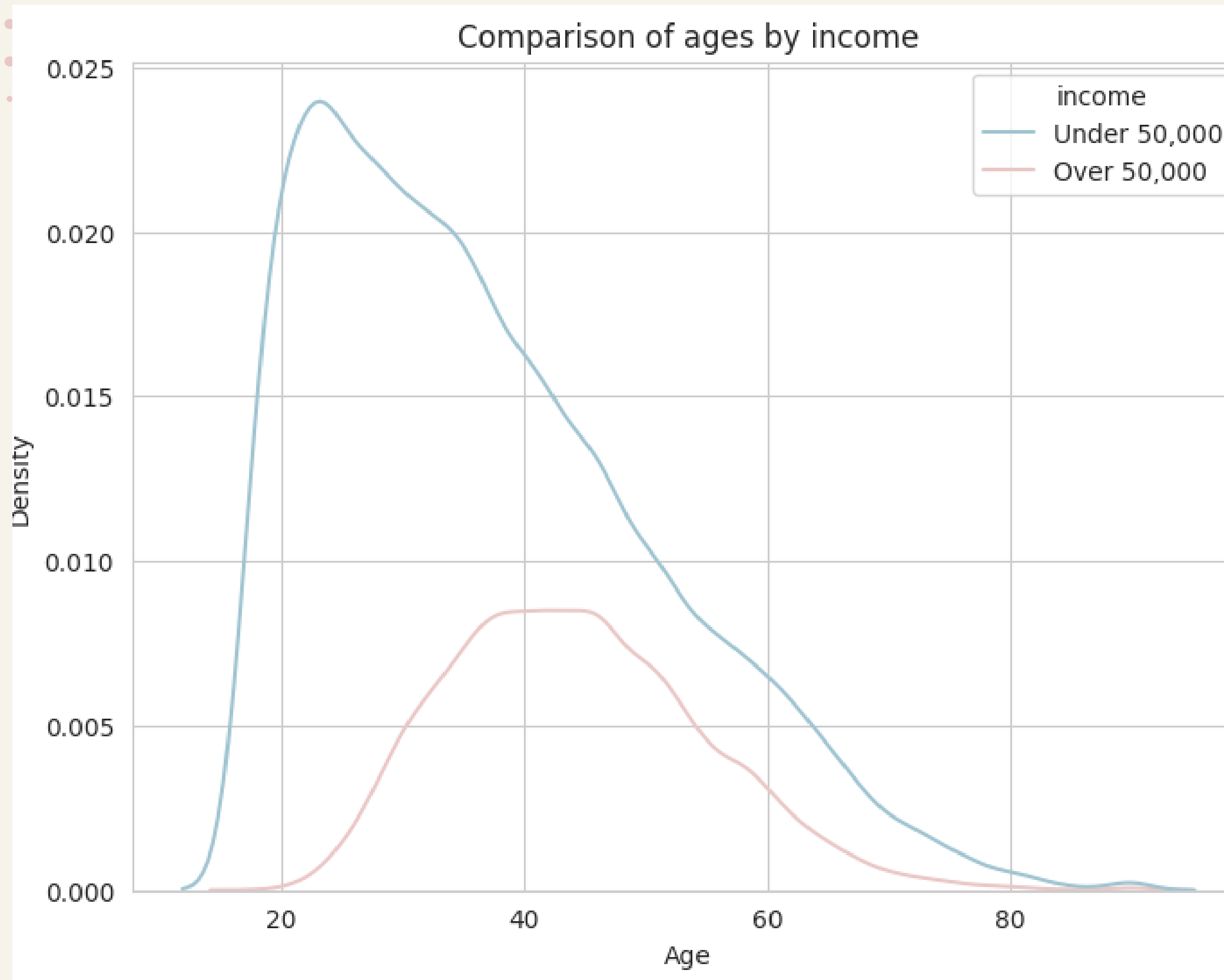
"<https://archive.ics.uci.edu/dataset/20/census+income>"
which contains the census in 1994

BASIC INFO

- 48842 people
- 32650 males
- from 42 countries
- only ages 17 to 99
- 16192 females
- 50k threshold

DISPARITY IN AGE

3

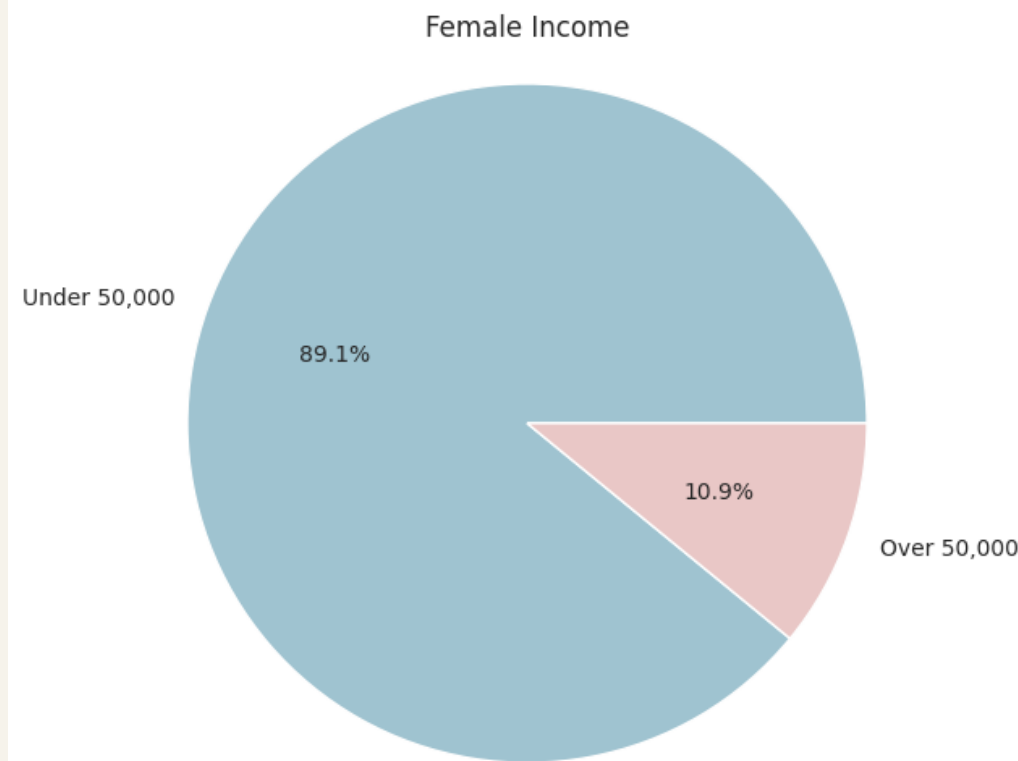
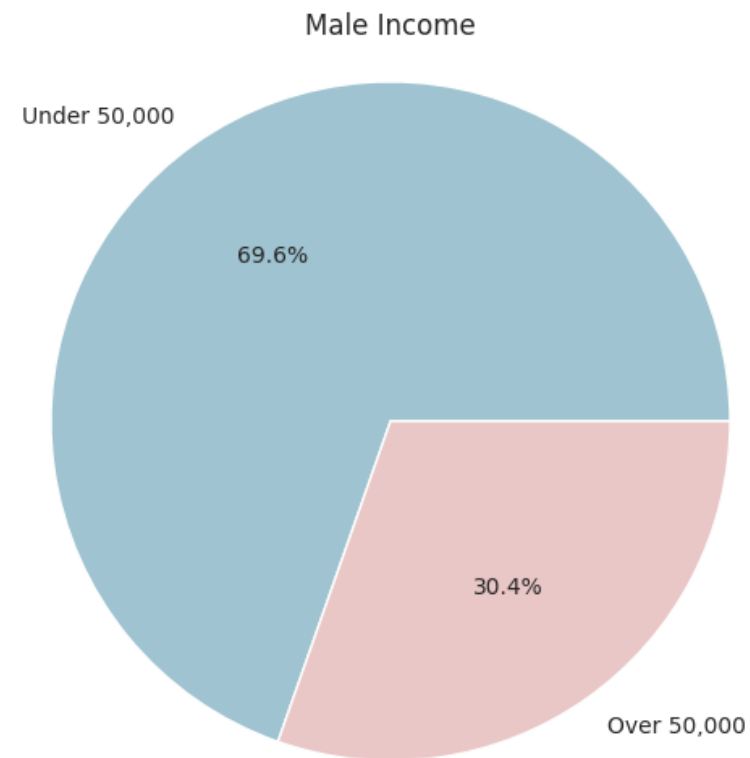


Those who have high income are mostly old people, which implies the older generation possess more wealth than the young.

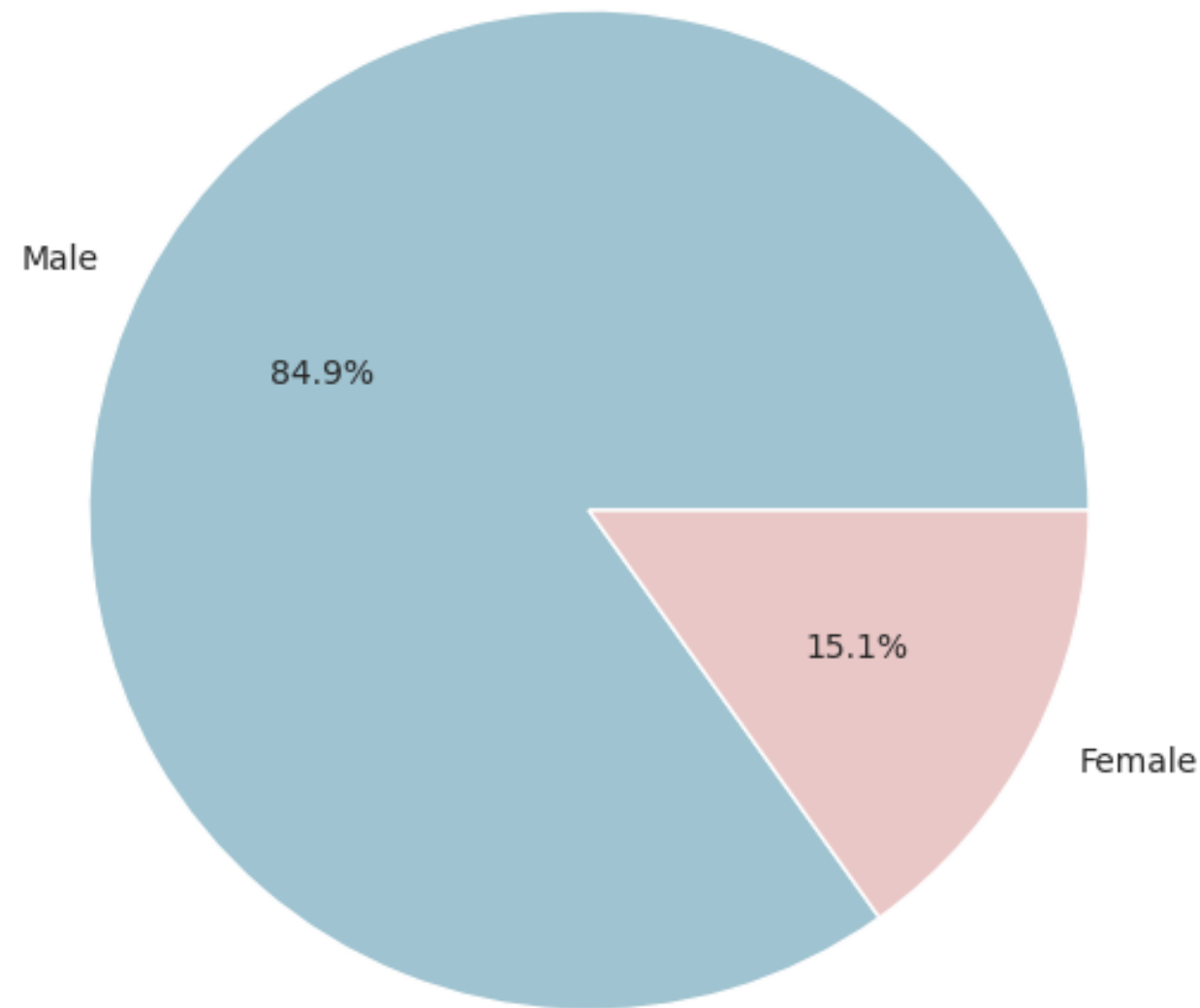
GENDER INEQUALITY

4

those who earn 50k above in men are 30% but in female there are only 11%



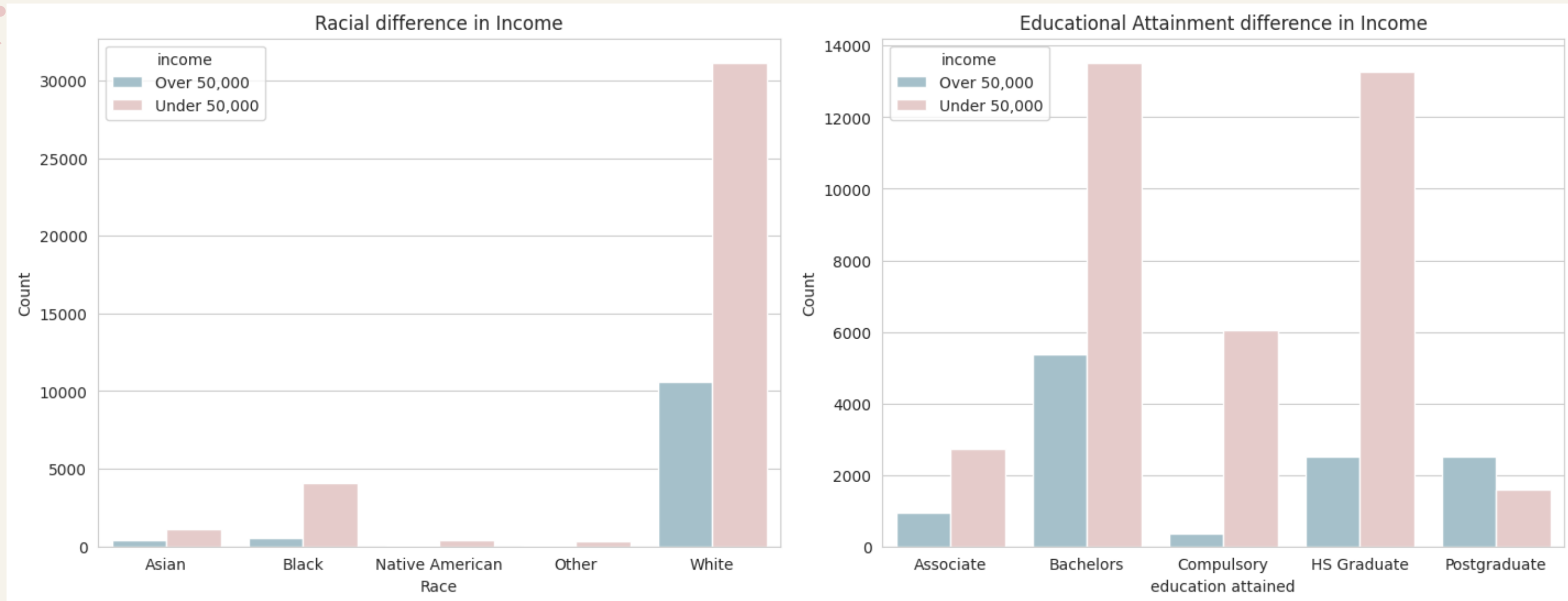
Pie chart based on Gender by Income Over 50k



pie chart

RACIAL AND EDUCATION

5



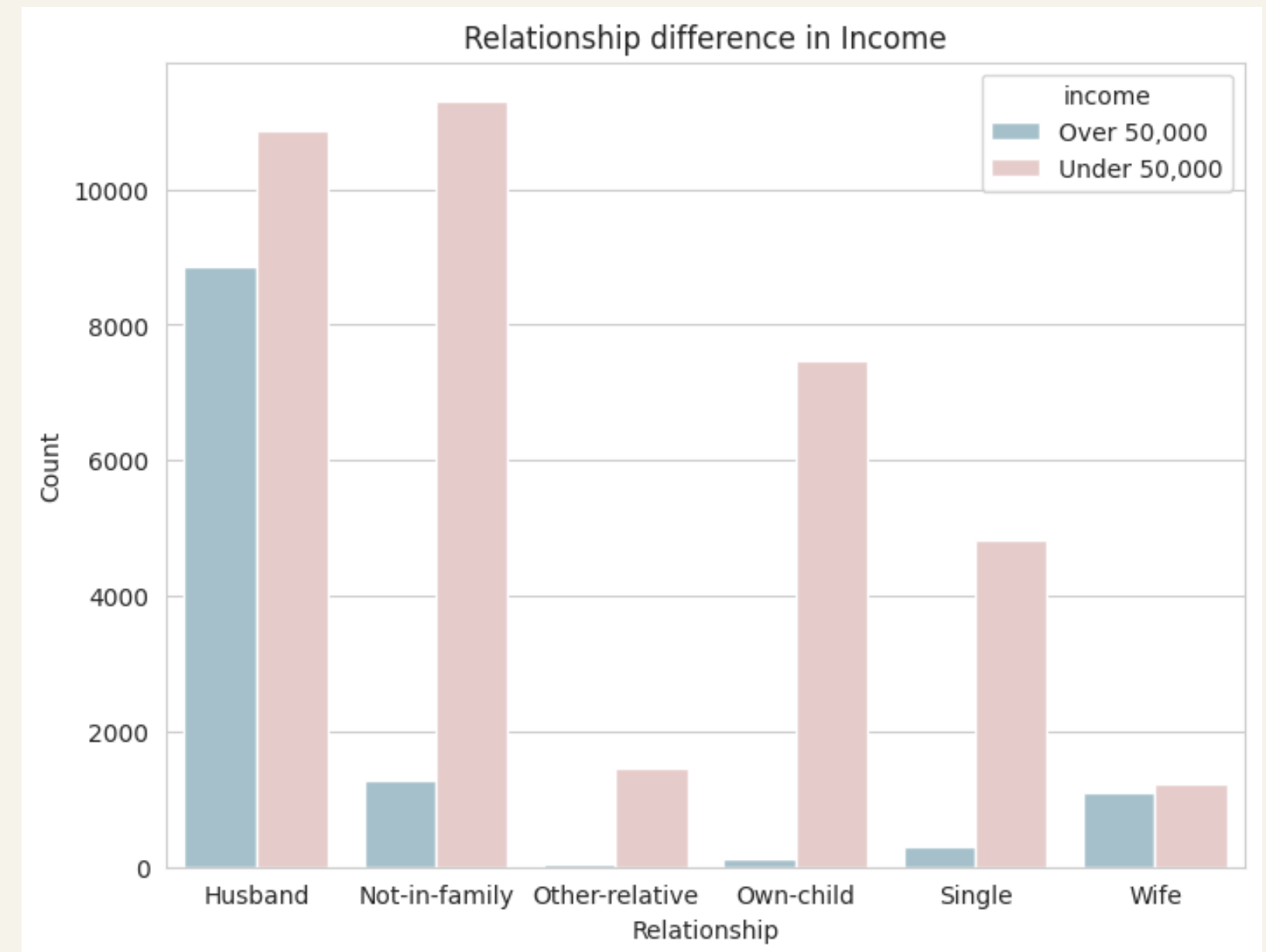
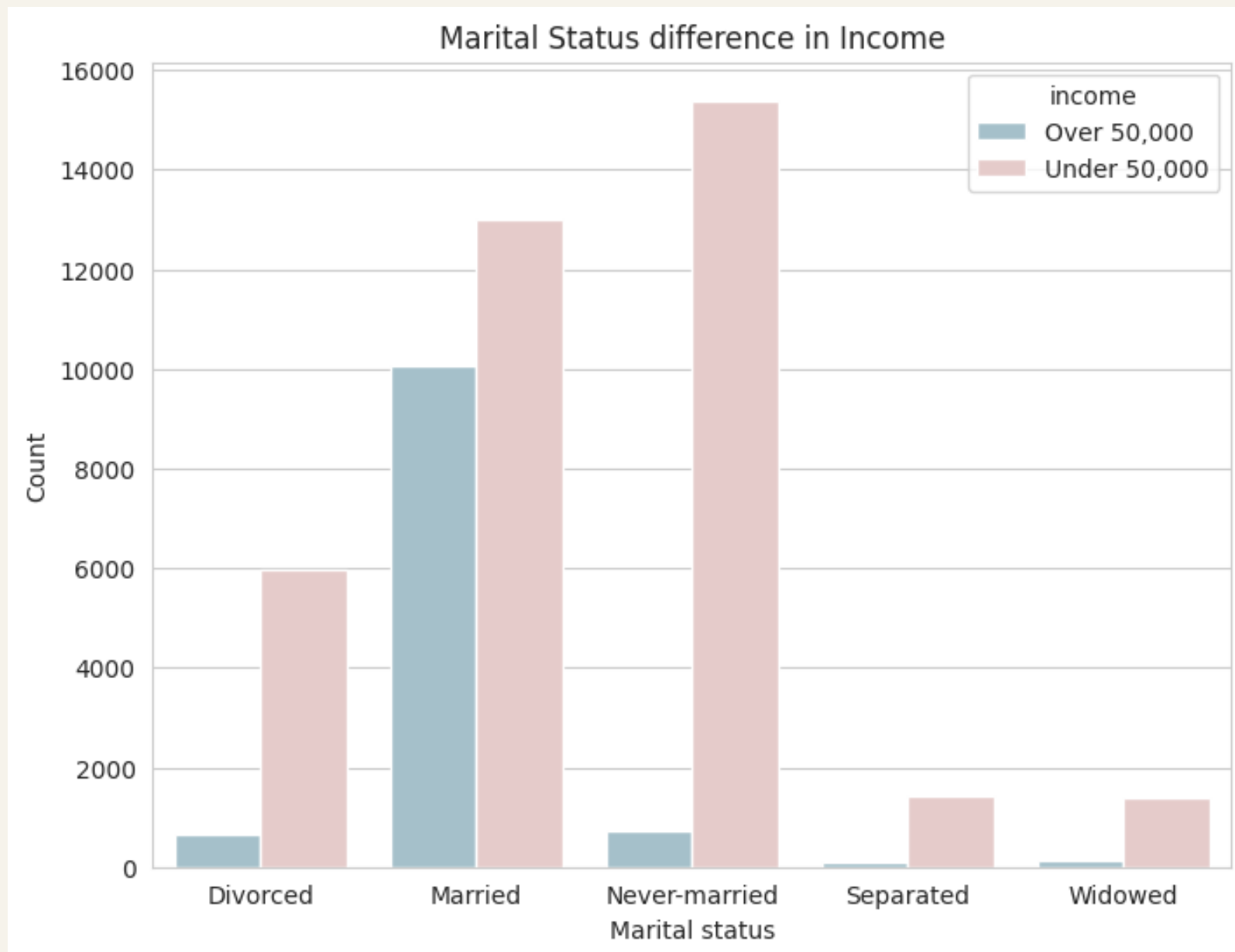
there are huge difference in racial on who gain high or low income, while in educational most of the high income belong to Bachelors

bar plot

MARITAL STATUS

6

Most of the high income are those who are married and yet those family with children are overwhelmingly low income



bar plot

SOLUTIONS

7

Solutions

Implement Equal Pay Policies

Enforce laws requiring equal compensation for equivalent work, irrespective of age, gender, ethnicity, or marital status.

Invest in Education and Training

Implement programmes that provide resources for disadvantaged groups, mentorship opportunities, and scholarships in order to overcome educational gaps.

Support Family-Friendly Policies

Enact policies that support work-life balance, such as paid parental leave, affordable childcare, and flexible work arrangements.

The background features three vertical stripes on the left: a wide pink stripe, a narrower blue stripe, and a medium-width beige stripe. The right side of the image is a light cream color, decorated with two rectangular areas of a pink dot pattern. One area is in the top right corner, and the other is in the bottom right corner. Both dot patterns are arranged in a grid, with dots of varying sizes and some missing towards the edges, creating a fading effect.

THANK YOU

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