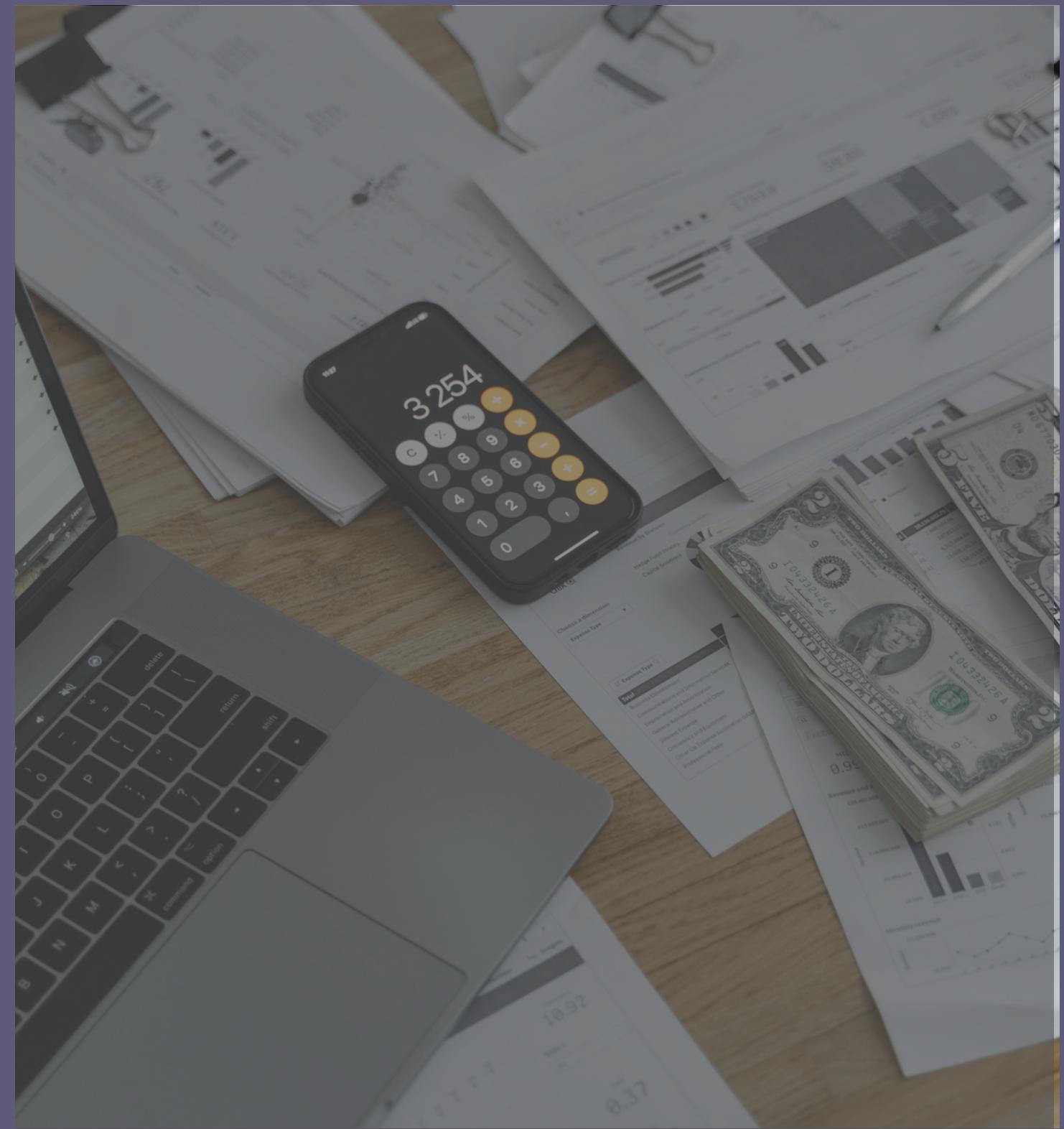


INCOME DISPARITIES THROUGH DIFFERENT FACTORS

CPE22S3

Prepared by: Jann Moises Nyll B. De los Reyes





INTRODUCTION

Income Census data plays a crucial role in making decisions within both the private and public sectors.

YEAR

1994

Dataset

**Income
Census**

Extracted by

Barry Becker



THE DATASET

Rows

48,842

Features

14

of Males

32,650

of Females

16,192

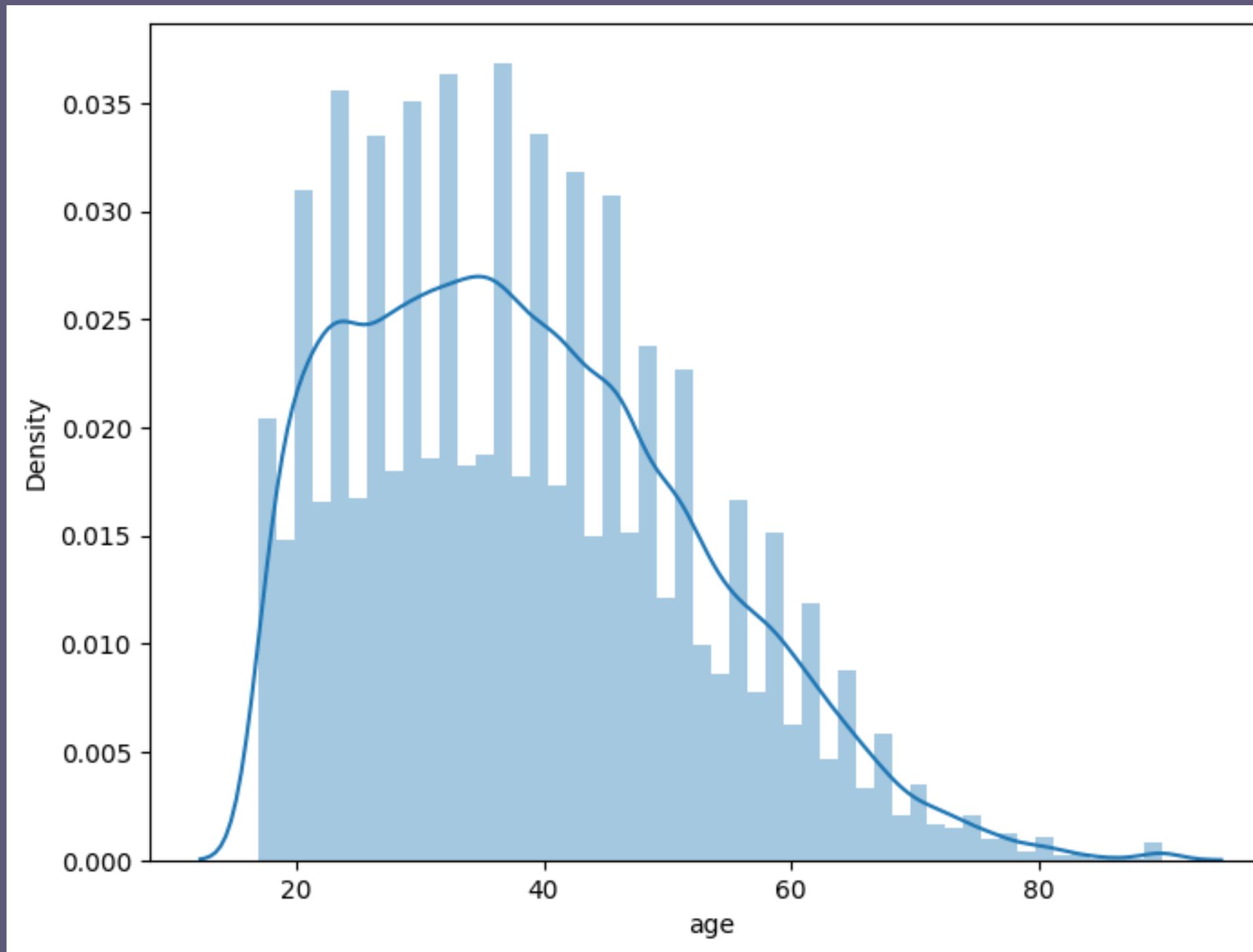
of Countries

42

Income Threshold

50,000

AGE DISTRIBUTION ON INCOME CENSUS

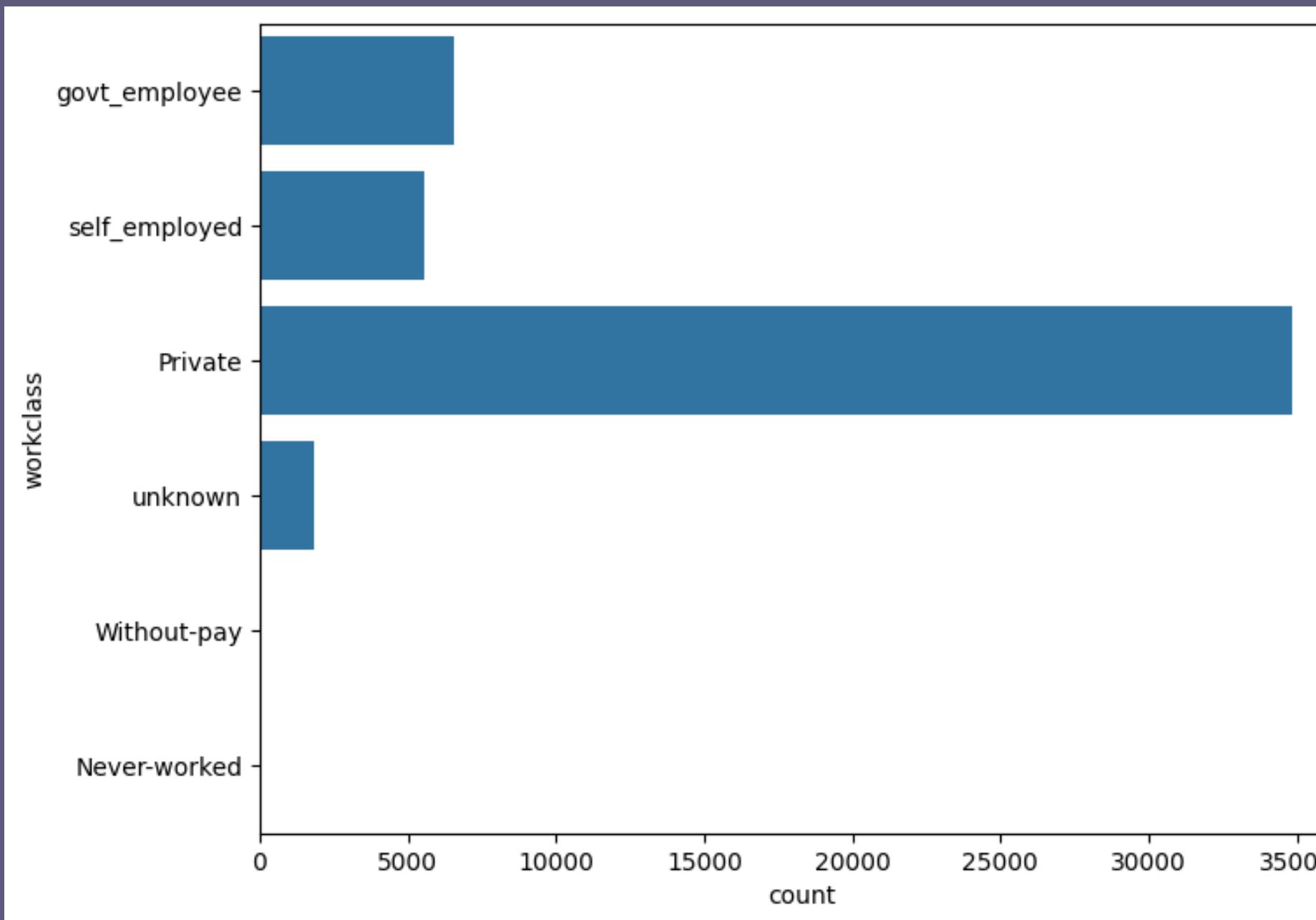


THE DATA IN AGE COLUMN HAS A MINIMUM VALUE 17 AND MAX VALUE 99.

Observation:

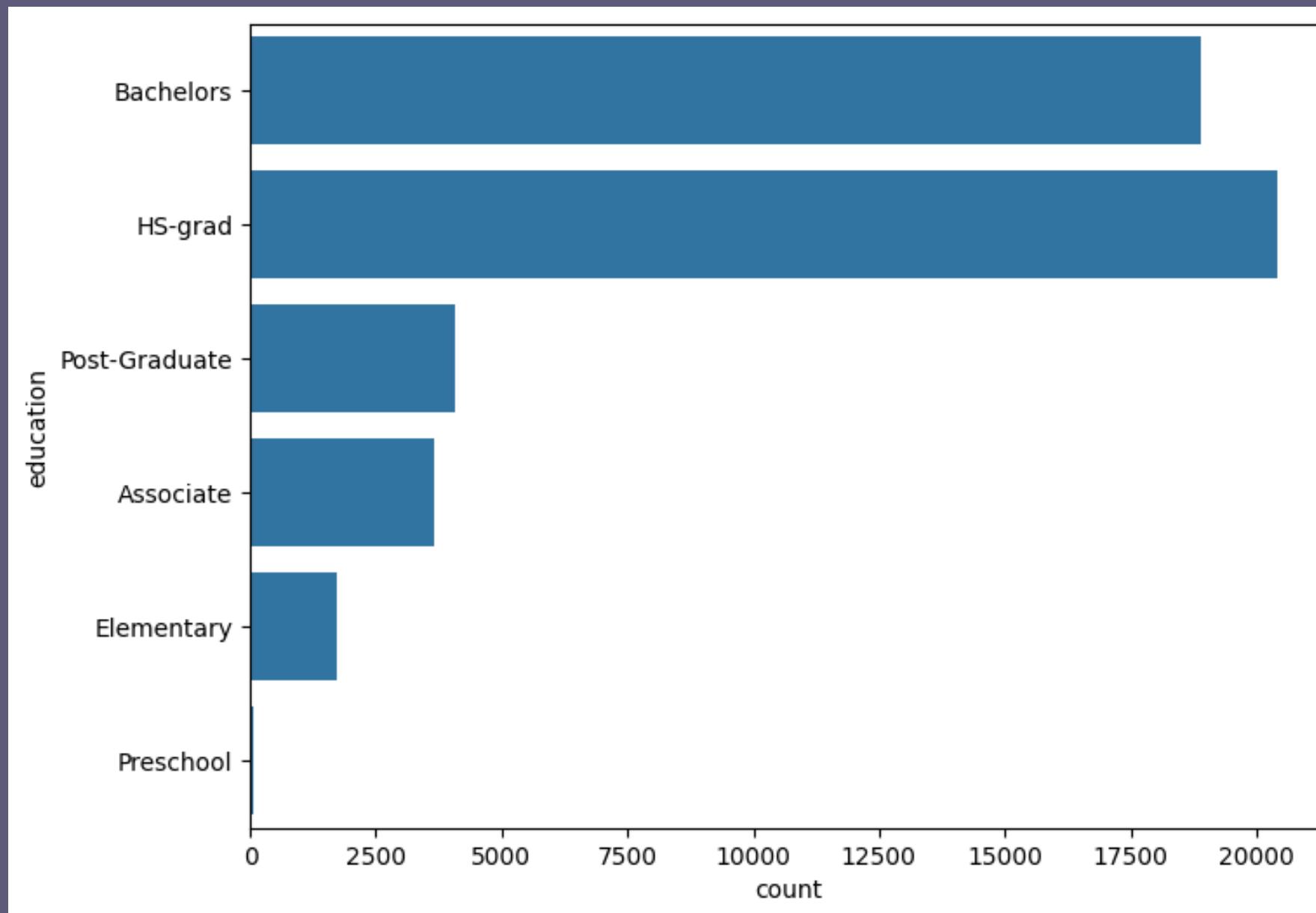
The data exhibits a rightward skew, indicating that a larger number of individuals are concentrated in the 20-50 age range. As age increases, there is a noticeable decline in the frequency of individuals, reflecting a decrease in population counts within higher age brackets.

WORKCLASS DISTRIBUTION ON INCOME CENSUS



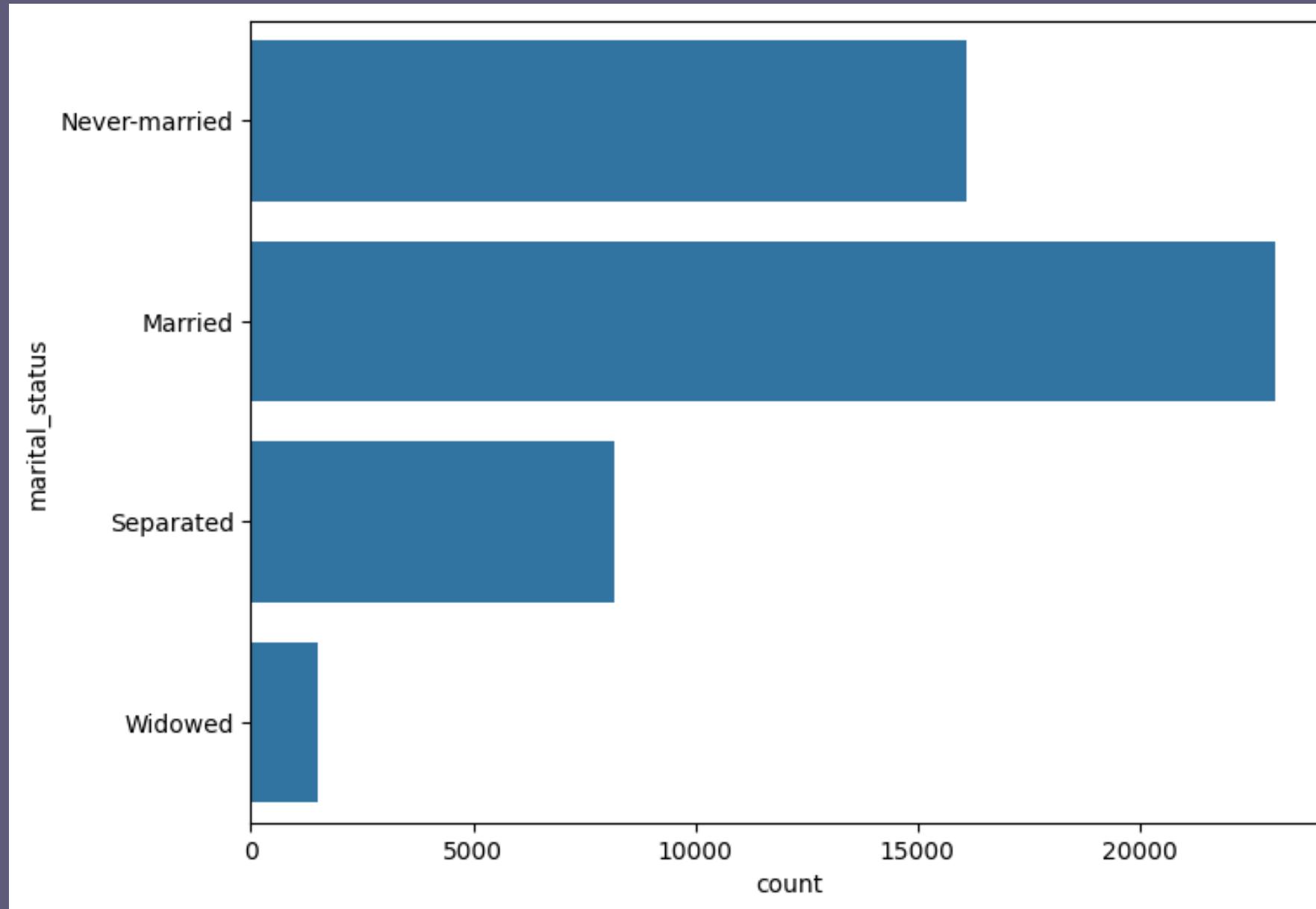
IT HAS BEEN OBSERVED THAT THE PREDOMINANT WORKCLASS AFFILIATION OF INDIVIDUALS IS WITH THE PRIVATE SECTOR.

EDUCATION DISTRIBUTION ON INCOME CENSUS



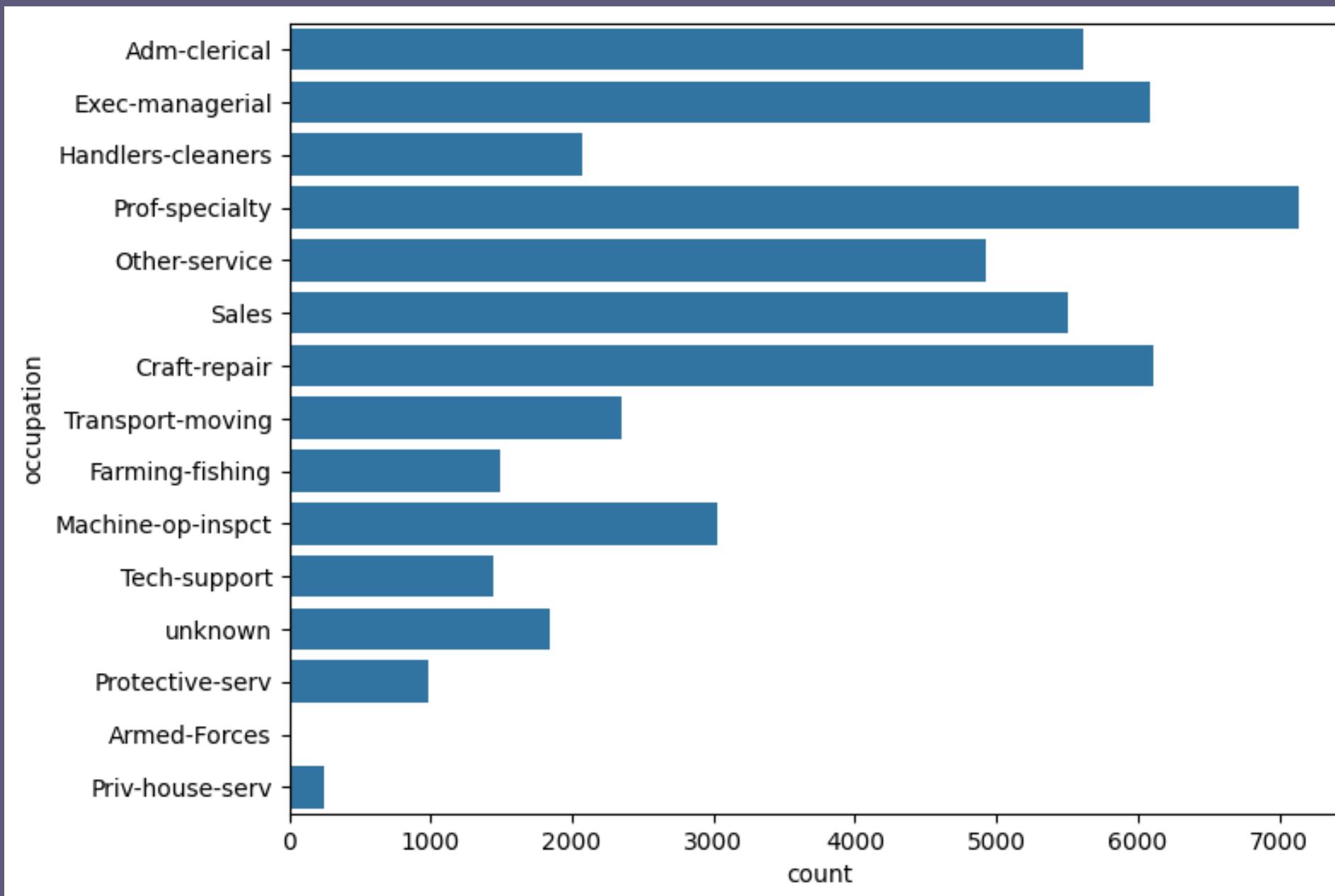
IT HAS BEEN OBSERVED THAT THE PREDOMINANT EDUCATION AFFILIATION OF INDIVIDUALS IS WITH THE HS-GRAD.

MARITAL STATUS DISTRIBUTION ON INCOME CENSUS



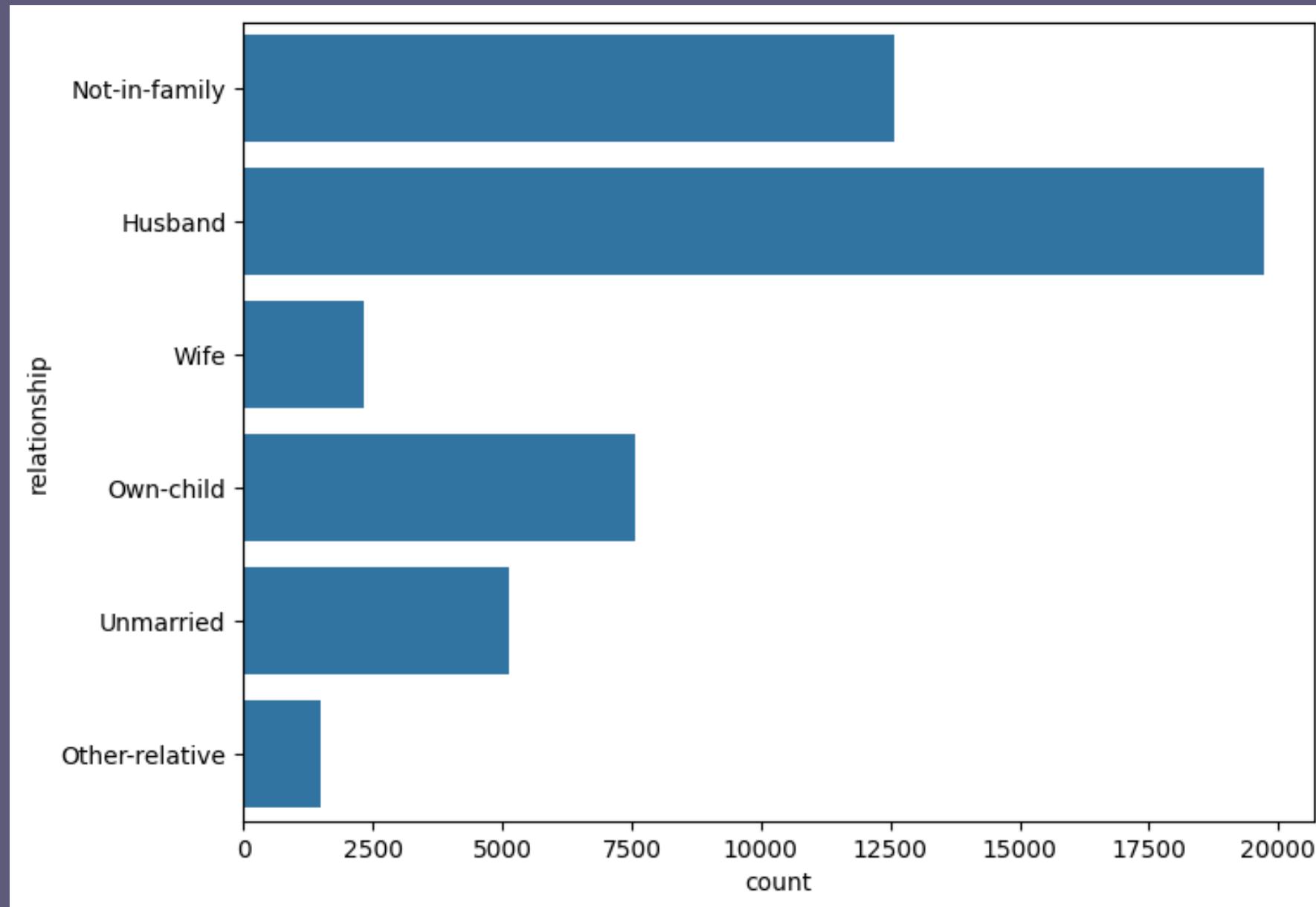
MAJORITY OF PEOPLE HAVE A MARITAL STATUS AS MARRIED. WE ALSO OBSERVED THAT THE COUNT OF NEVER-MARRIED IS ALSO QUITE HIGH.

OCCUPATION DISTRIBUTION ON INCOME CENSUS



We observed that Professional - SPeciality, Exec-managerial and craft repair are the most common occupation during 1994

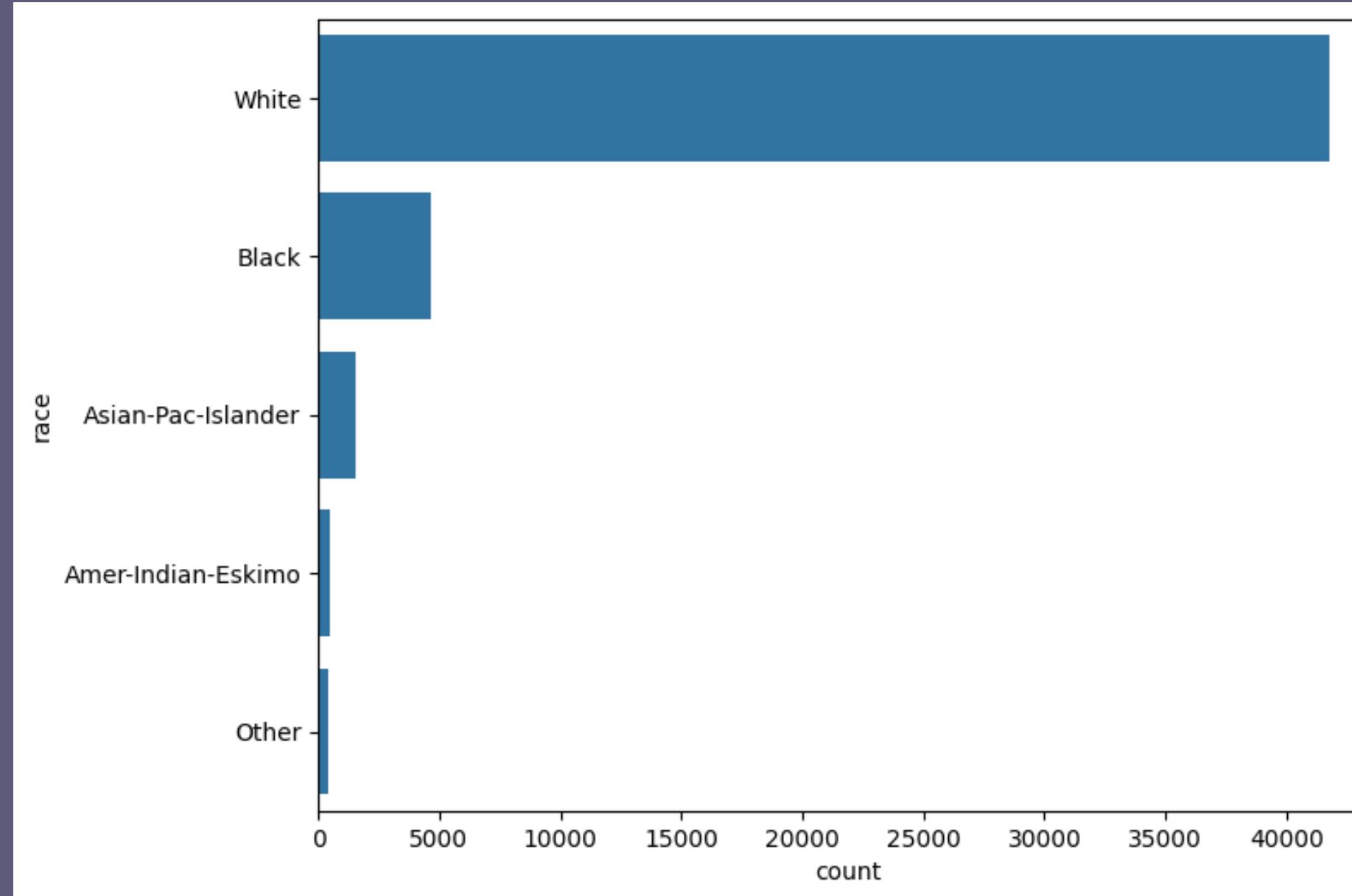
RELATIONSHIP DISTRIBUTION ON INCOME CENSUS



'Husband' emerges as the most frequently occurring designation, indicating a significant representation within the data. Conversely, the label 'Other-relative' is noted as the least common among the types, suggesting it's a relatively rare occurrence in comparison.

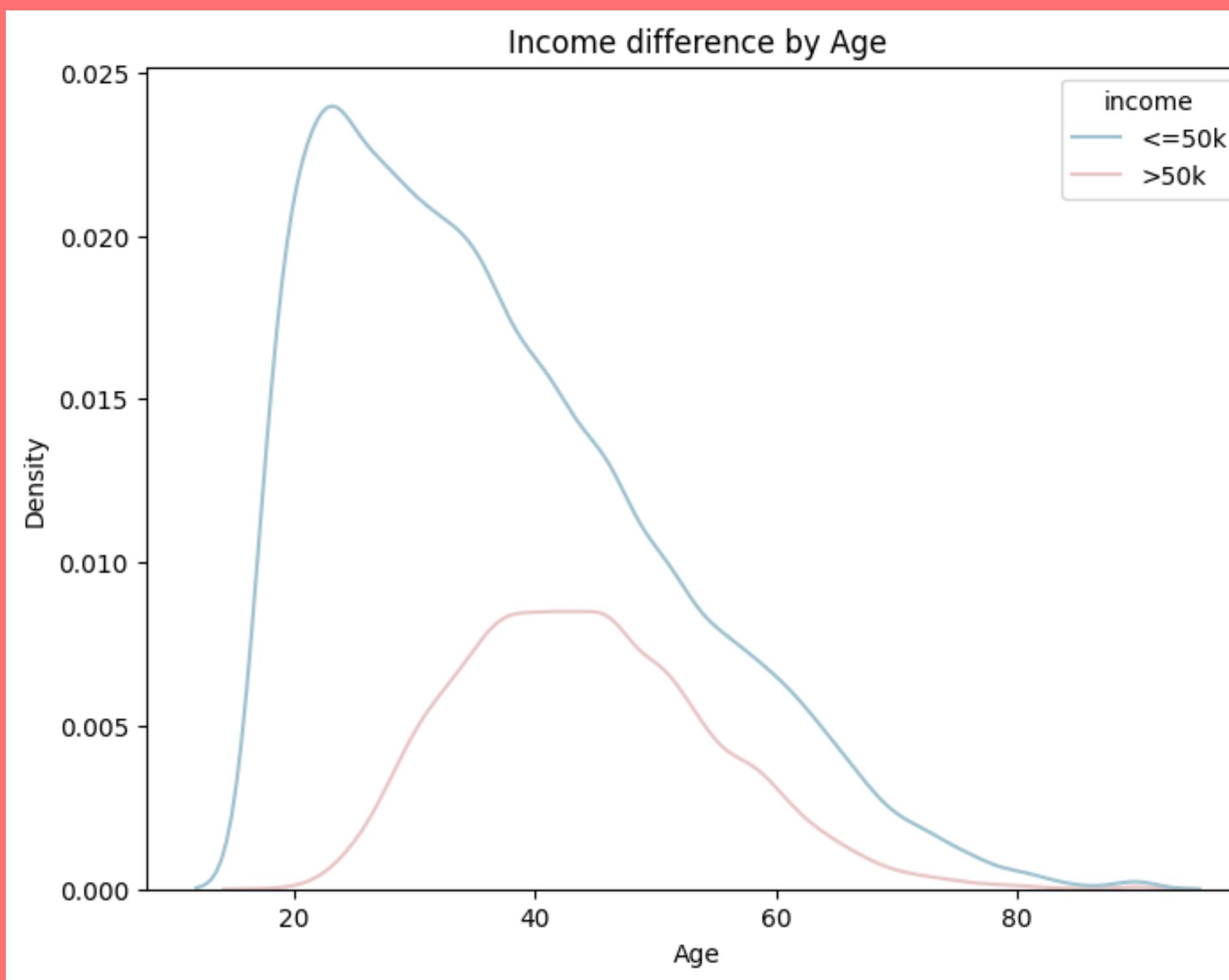
This distribution provides insights into the familial roles captured in the data.

RACE DISTRIBUTION ON INCOME CENSUS



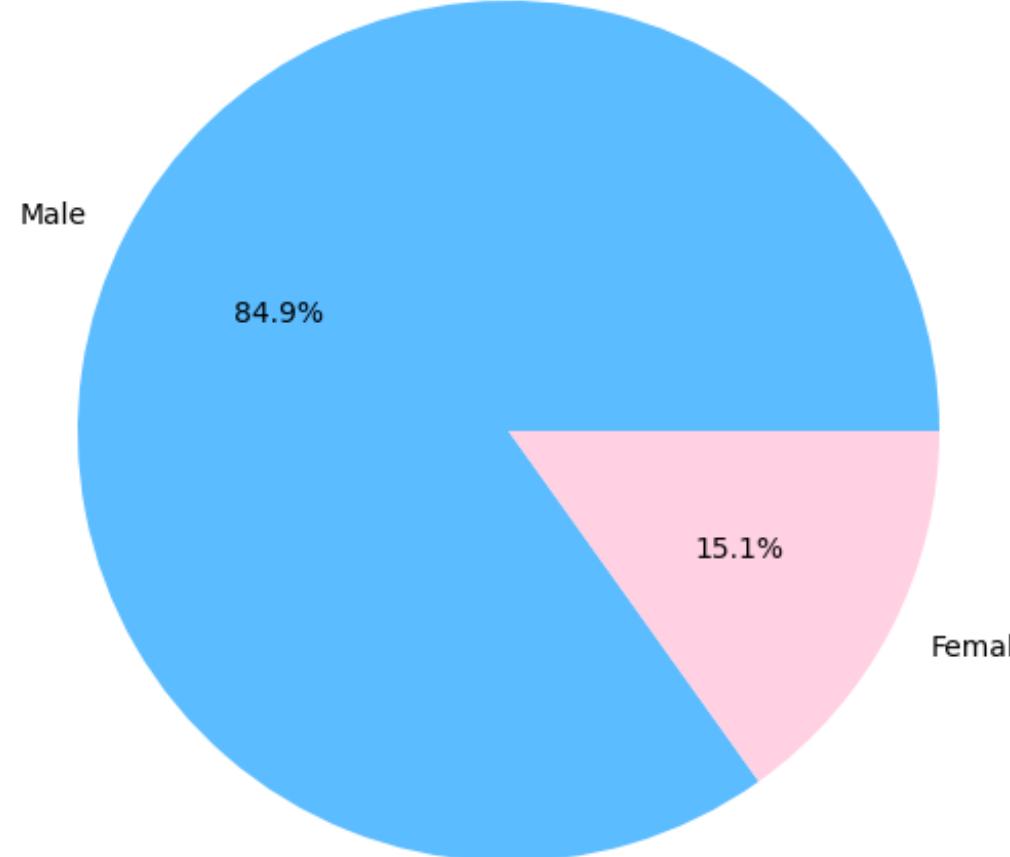
The majority demographic in certain areas is identified as 'White', with a notably large representation in comparison to other groups.

AGE & INCOME



It is often observed that higher income brackets tend to be represented by the older population, suggesting that wealth accumulation is more prevalent among the older generation compared to the youth. This trend highlights the disparities in wealth distribution across different age groups.

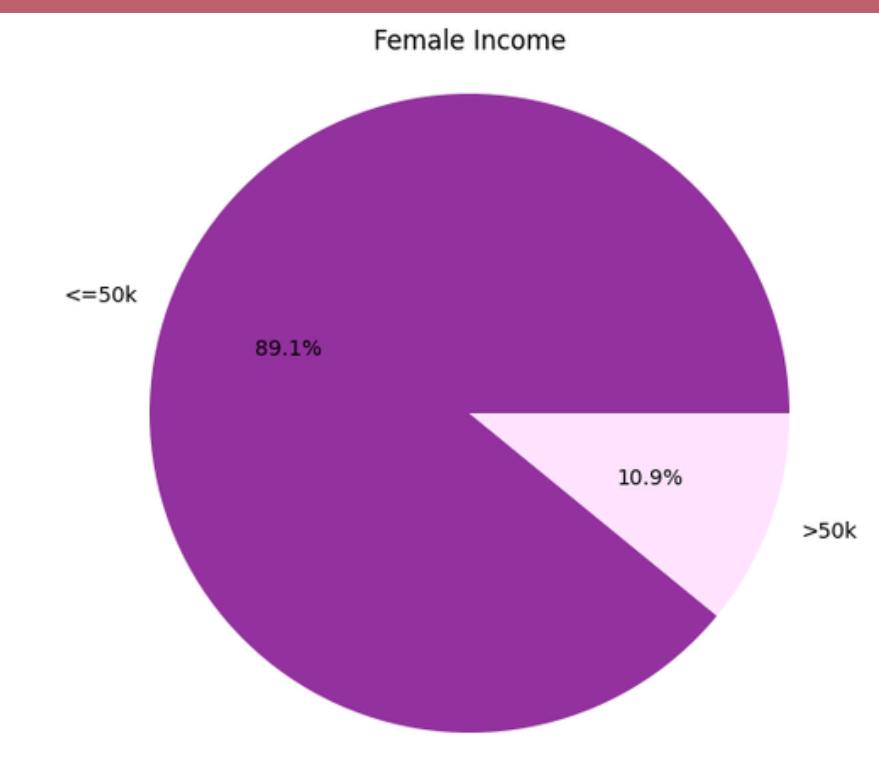
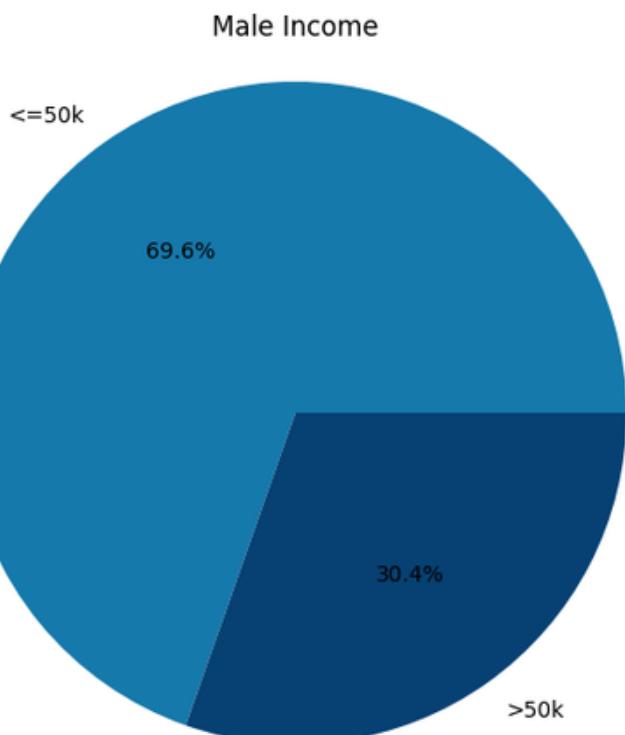
Pie chart based on Gender by Income Over 50k



GENDER

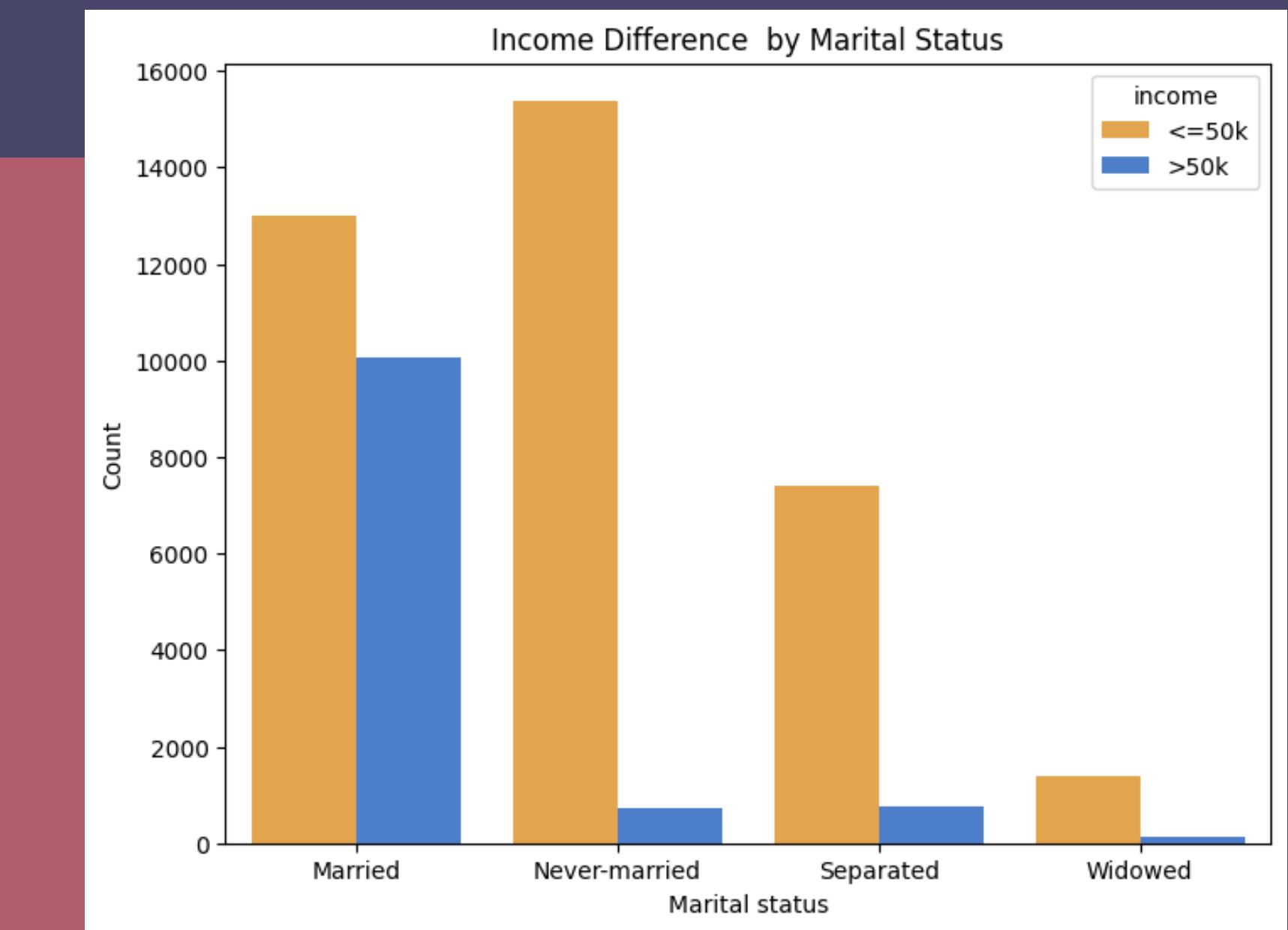
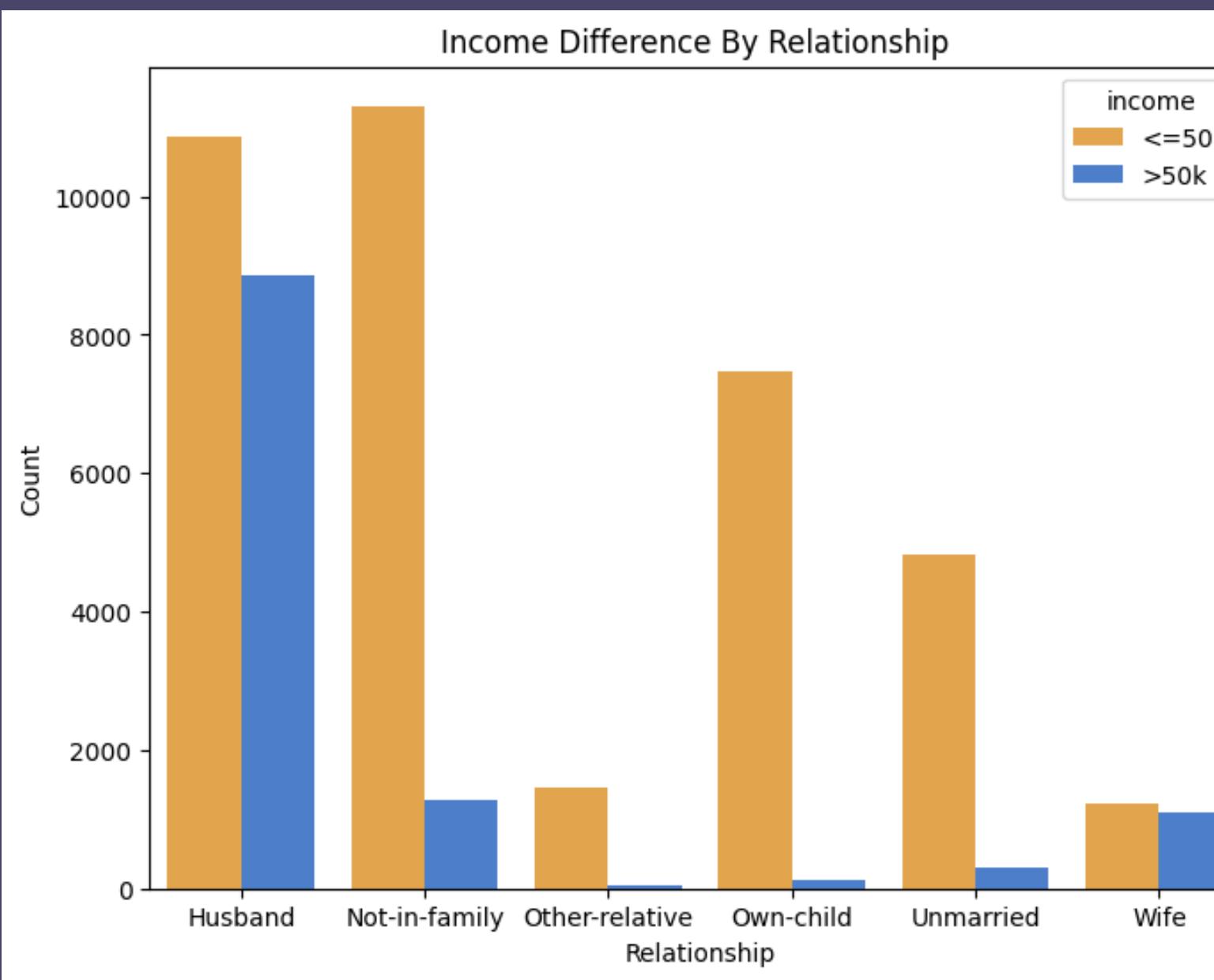
A quick observation reveals a significant disparity in the average earnings of men and women. This gap highlights the ongoing issue of income inequality based on gender.

- Males have a higher chance of earning more than 50K, than females.



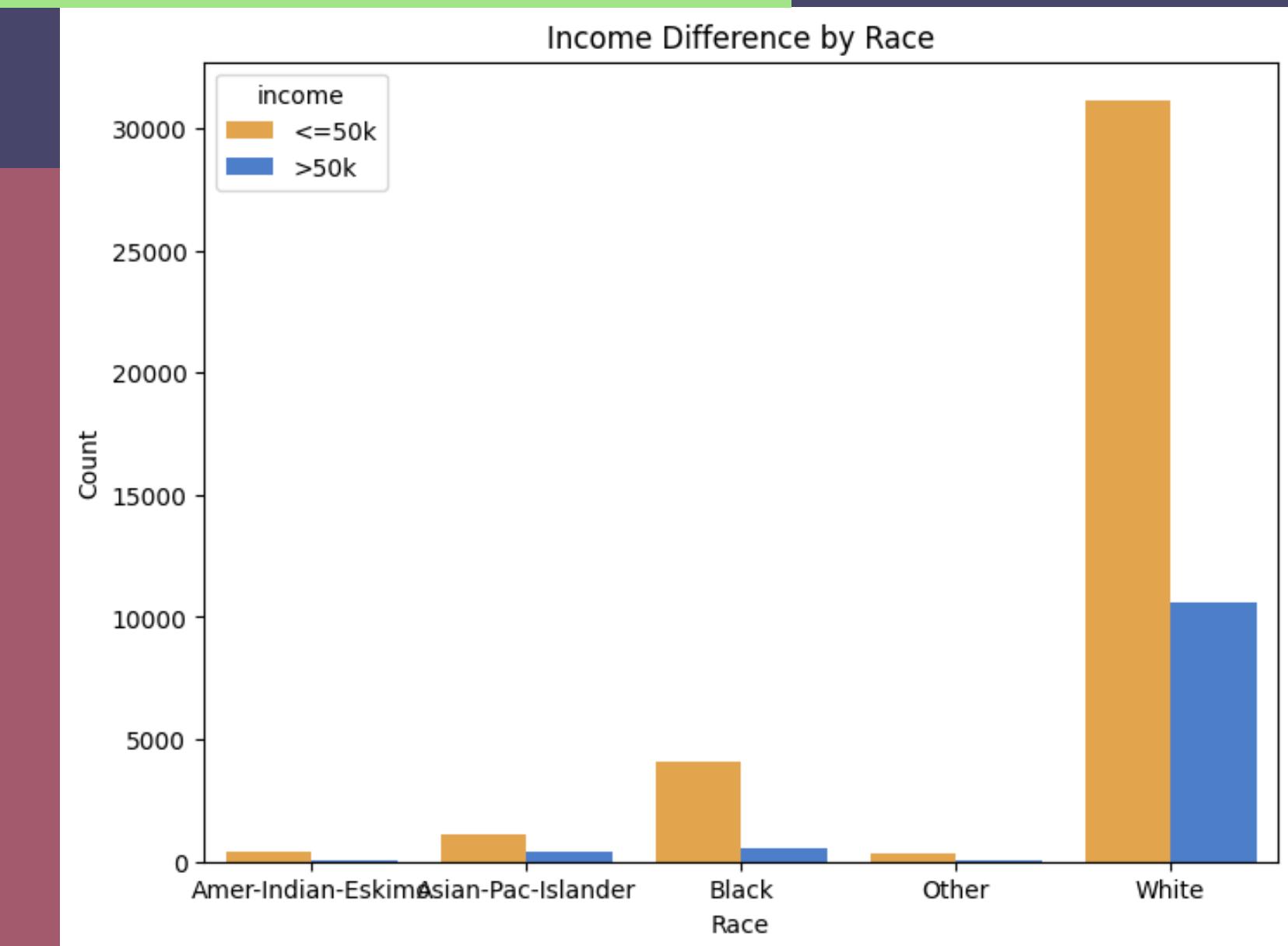
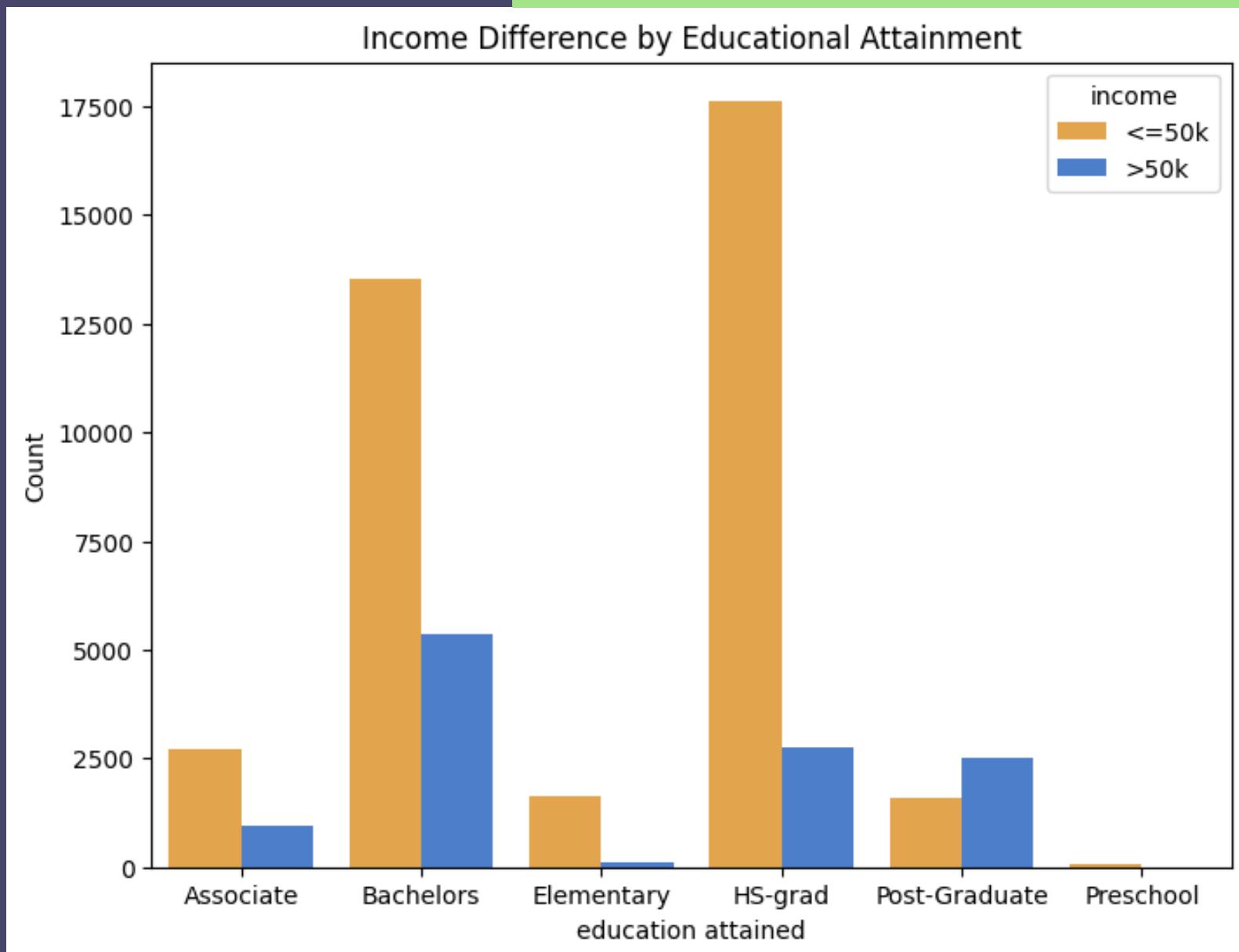
RELATIONSHIP AND MARITAL STATUS

HIGHER INCOME LEVELS ARE ASSOCIATED WITH MARRIED INDIVIDUALS,
WHILE THOSE WITH CHILDREN OFTEN FALL INTO THE LOWER INCOME
BRACKET



EDUCATION AND RACE

SIGNIFICANT INCOME DISPARITIES EXIST ACROSS DIFFERENT RACIAL GROUPS, WITH A NOTABLE GAP BETWEEN HIGH AND LOW EARNERS. IN THE REALM OF EDUCATION, IT'S OBSERVED THAT INDIVIDUALS WITH A BACHELOR'S DEGREE TEND TO BE AMONG THE HIGHER INCOME BRACKETS.





SOLUTIONS

S A T U R D A Y

01

Invest in Education

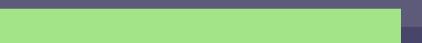
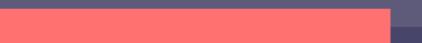
02

**Grant all genders
equitable
opportunities and
compensation**

03

**Support laws that
are family-friendly**

THANK YOU !



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