

# Adult Income Census Data

Data Source:

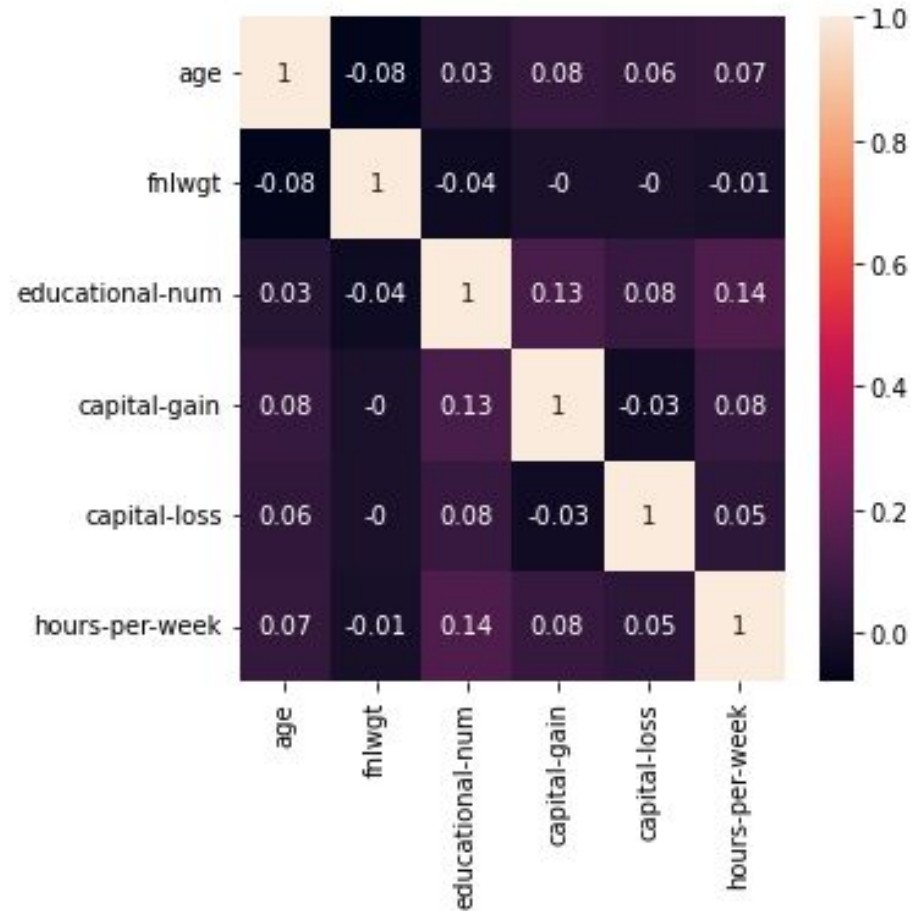
<https://www.kaggle.com/datasets/wenruihu/adult-income-dataset> 1996

# Correlations Among Columns

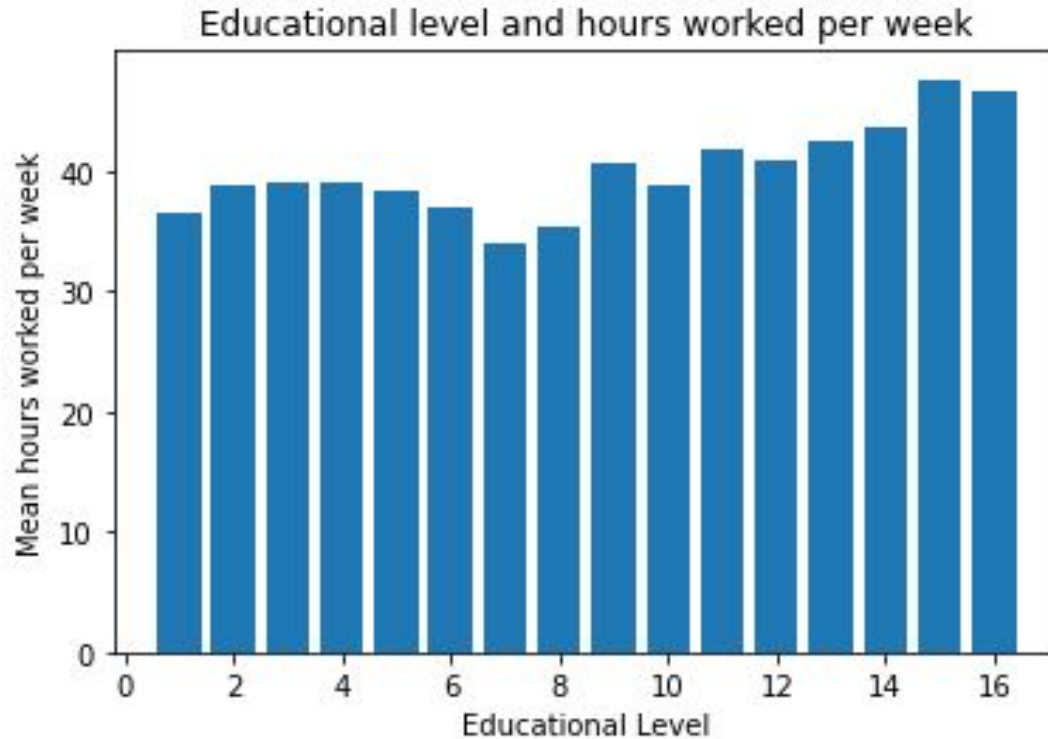
Please note that the strongest correlations are the ones closest to 1, either in the negative or positive side.

The the more significant correlations are between the following columns.

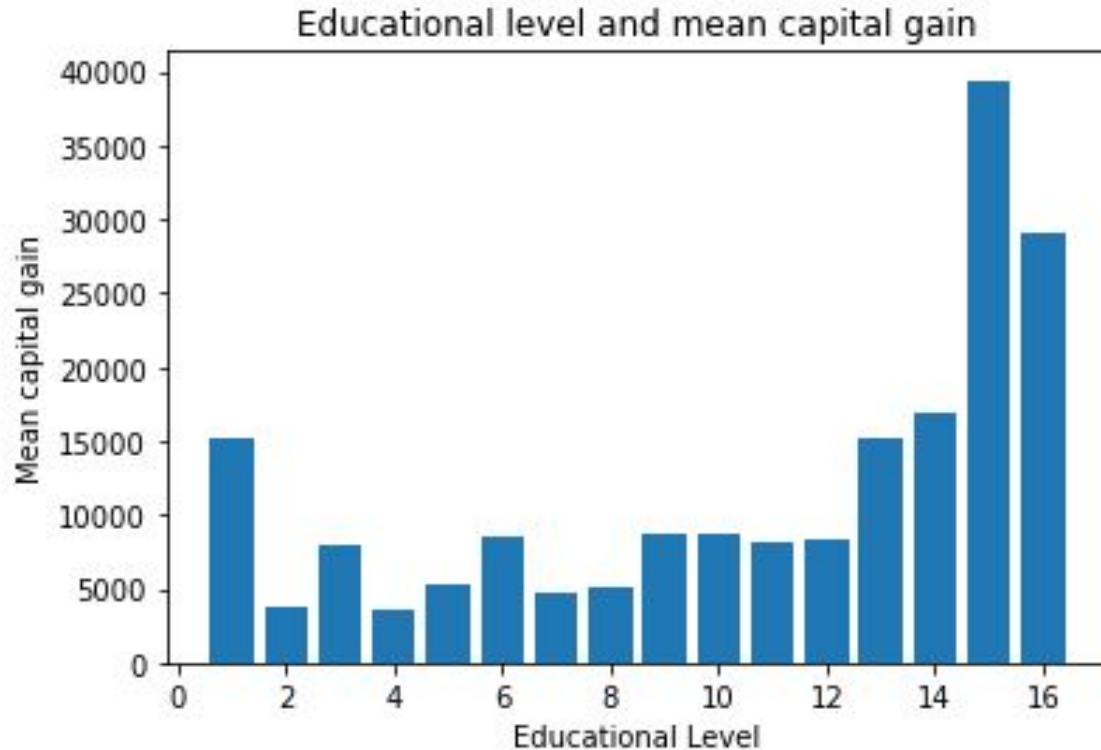
- **Years of Education and hours per week**
- **Years of Education and capital gain**



More educated people worked more hours, on average.



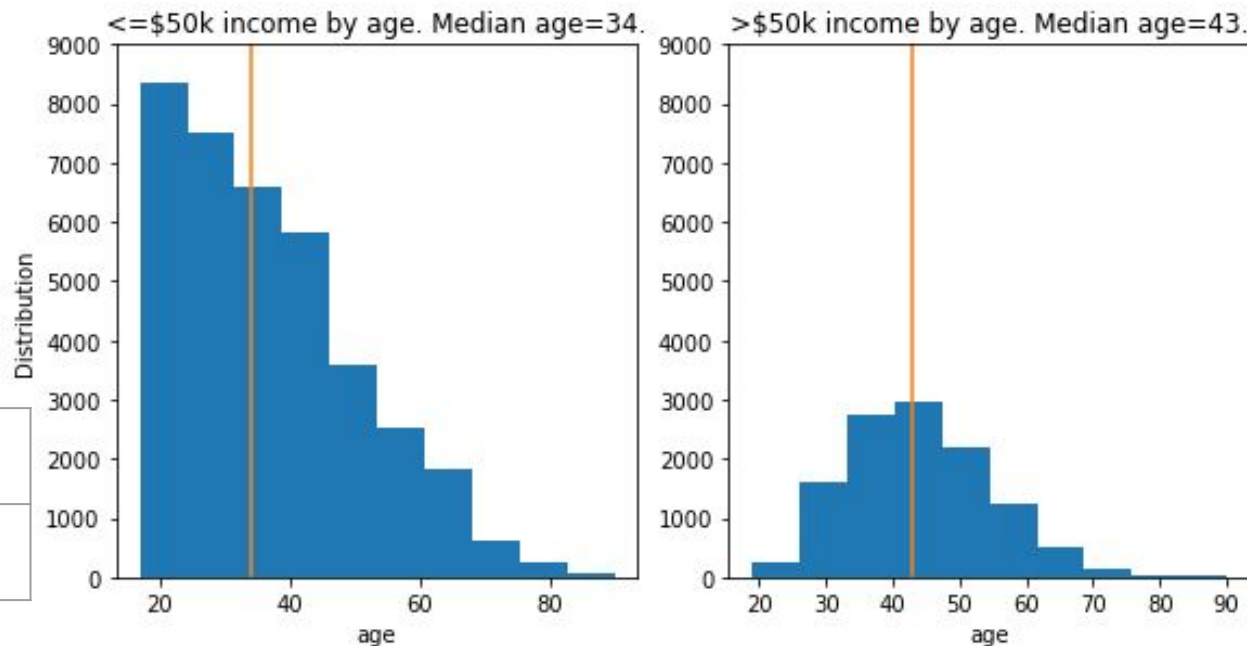
More educated people earned more capital gain, on average.



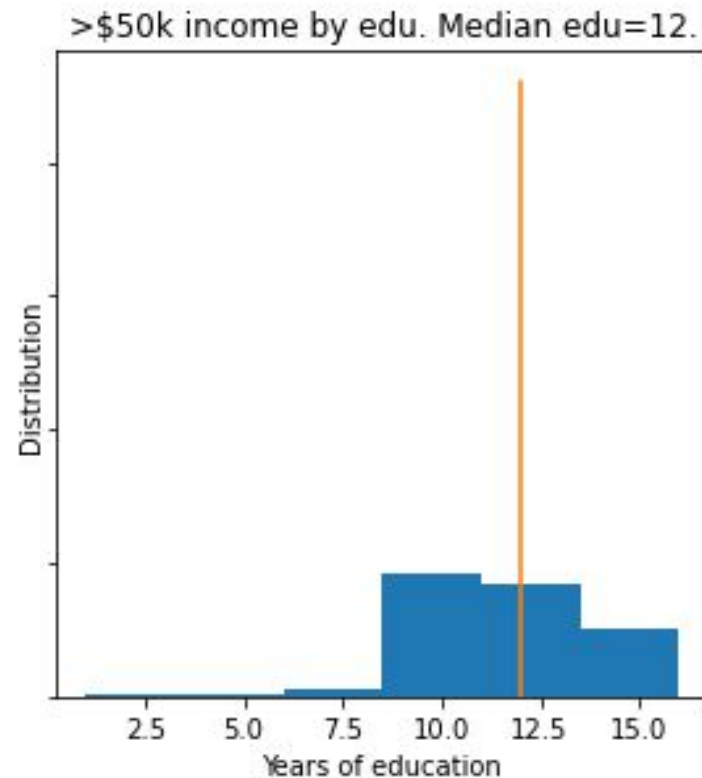
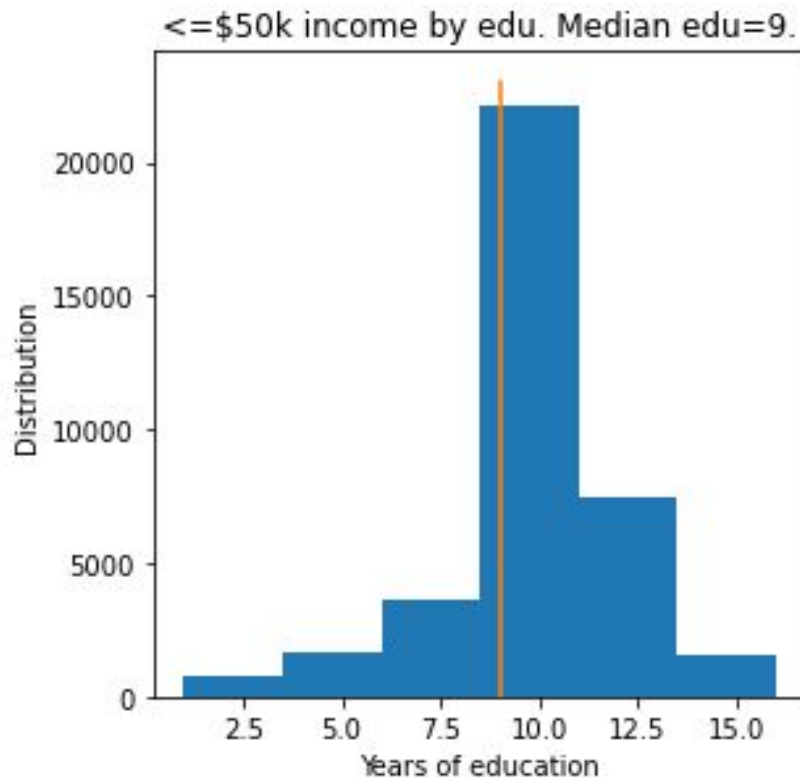
# More younger people are in the $\leq 50k$ income category.

- There are a lot less people in the  $>50k$  income category.

$\leq 50k$	37155
$>50k$	11687



Those earning  $>50k$  have gone to school on average 3 more years than those earning  $<50k$ .



# Females are paid less even though their education level is the same as males

## Income by gender

	<b>Income &lt;= 50k in %</b>	<b>Income &gt; 50k in %</b>
<b>Male</b>	70%	30%
<b>Female</b>	89%	11%

## Education by gender

	<b>Mean years of Education</b>	<b>Median years of Education</b>
<b>Male</b>	10.04	10.0
<b>Female</b>	10.09	10.0



# Suggested future project

It would be interesting to compare this census data to the 2020 census data.

