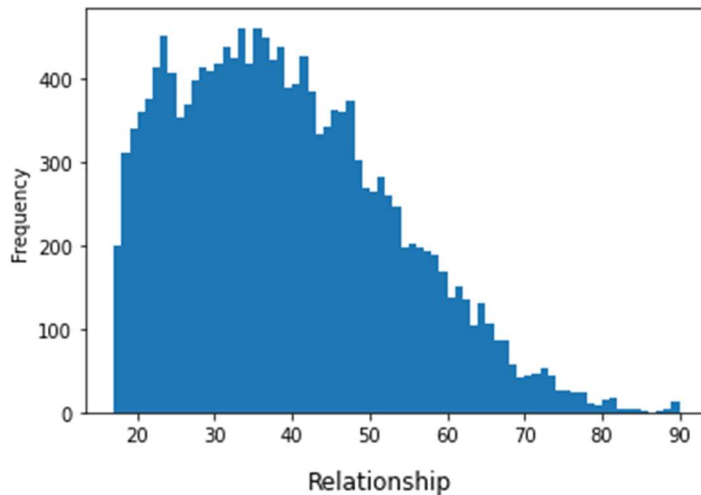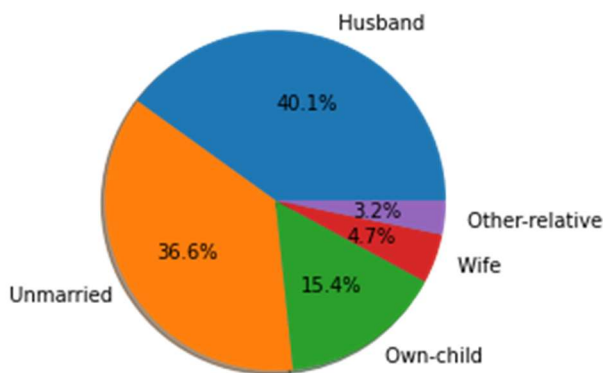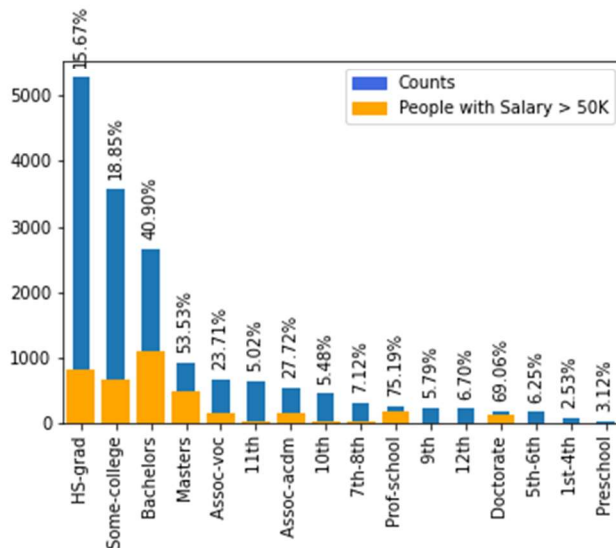**Task 1 / 2:** Create three different plots (plot types) using the Census Income dataset

-    Age distribution: it seems like a Poisson distribution Not Gaussian. The number of bins is 73 (Max Age – Min Age) each bin is an age.

-    How often does each relationship status occur: first I turned every Not-in-family to unmarried as both has the same meaning. I put the percentage on the chart to be visually convenient.

-    Investigate and visualize if there is a correlation between educational level and salary: I plot the whole people regardless their salary and I put the percentage of the people with more 50K income in each education. We can see that people with high education have more probability to get high salary is high, Consequently, there is a correlation between educational level and salary.

Task 2 / 2: Perform some reasonable statistics using the available data and write the results in a sentence

-    In each work class your chances to gain more than 50K is equal excepts for federal government you have better chances.

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Code: https://github.com/amr1235/DSS/blob/main/exercise%202/exercise_2.ipynb