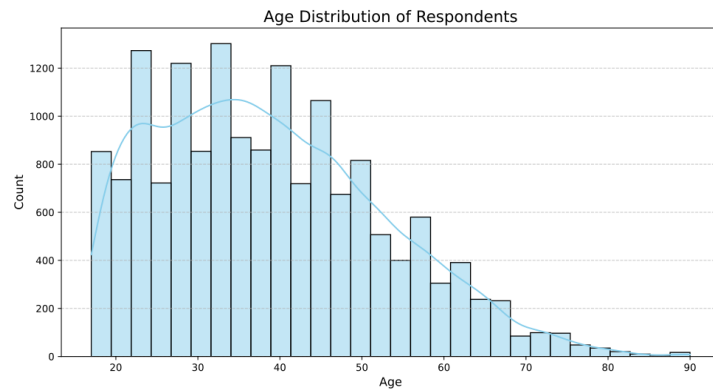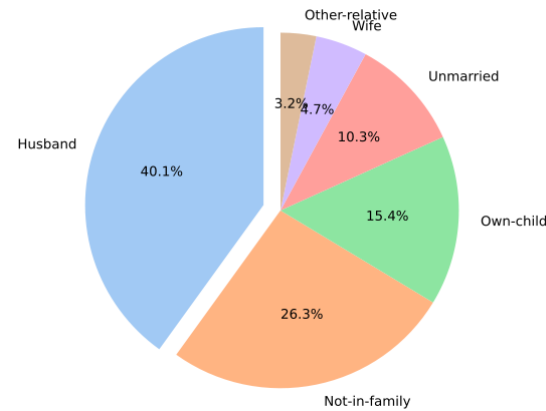Homework 3 :

A

B

C

Age Distribution Histogram:
Plot A:  shows how many people fall into different age groups.
The histogram helps us see the age distribution pattern, and spot any unusual ages.
 It's a clear and concise way to understand the ages of the respondents at a glance.
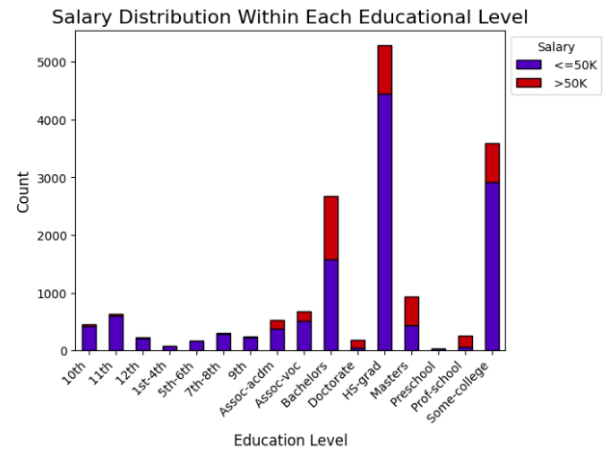
Relationship Status Pie Chart:
Plot B pie chart is a suitable visual because it gives a quick overview of the proportionate distribution of various relationship statuses.
Each slice represents a relationship status, and the percentages show the relative frequencies.
This makes it easy to compare how prevalent each relationship status is in the dataset.

Salary Distribution Within Each Educational :-
The grouped bar chart is best for comparing the number of respondents with salaries <=50k and >50k in different educational levels.
Each bar represents an education level, and the stacked segments within each bar show the distribution of salary categories.
This makes it easy to see patterns and differences in salary distribution across educational levels.

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