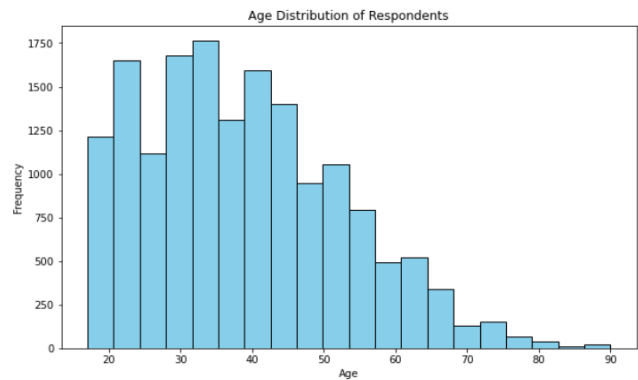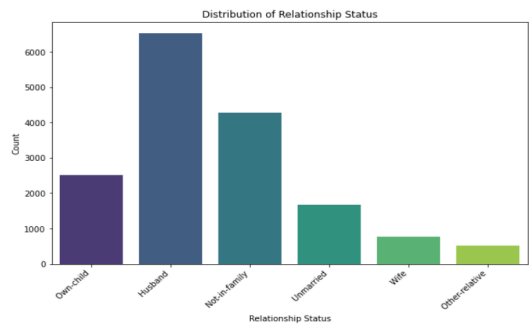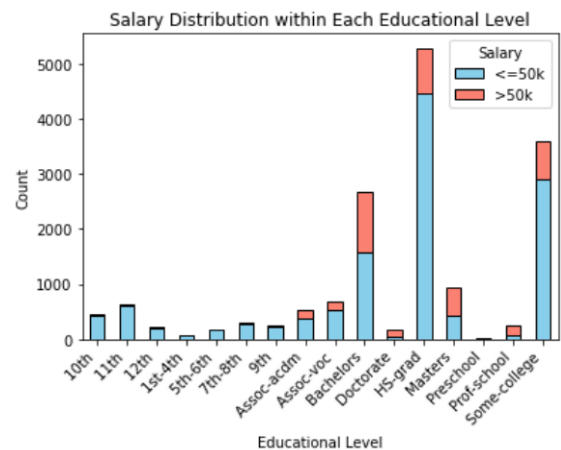Name: Rutvi shah
Matriculation:23159043
Idm :to20raje

Age Distribution (Histogram):The histogram vividly displays the spread of ages among respondents. Binned intervals reveal the concentration of participants in various age groups, providing a quick snapshot of the dataset's age demographics.

Relationship Status (Polar Area Chart):The polar area chart transforms relationship status distribution into a circular visualisation, making it easy to compare proportions. This engaging visual offers a distinctive view of the relative prevalence of different relationship statuses in the dataset.

Salary across Educational Levels (Stacked Bar Plot):The stacked bar plot effectively communicates salary distribution within each educational level. Bar heights represent educational categories, while stacked segments illustrate the count of individuals earning <=50k or >50k. This visual allows for a clear understanding of salary patterns within different education groups.