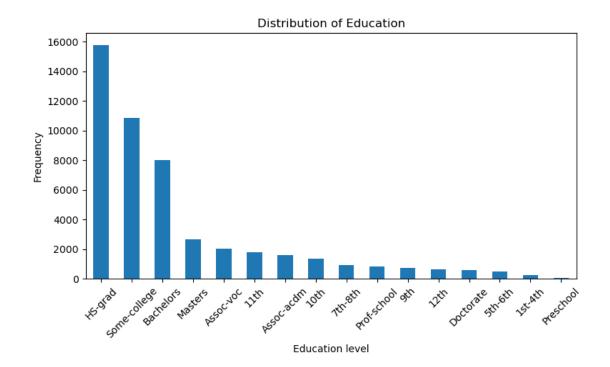
Question 2a: Write a function plot_categorical_distribution to plot the distribution of the column 'education' as a histogram.

You can use Pandas .plot() method for this. Look at the DataFrame .value_counts method as well. See class examples for how to add labels and titles.

Out[70]: Ellipsis

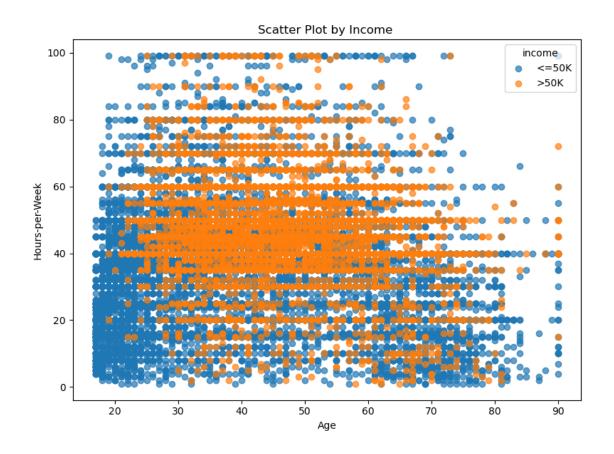
In [71]: plot_categorical_distribution(df)



Question 2b: Write a function plot_age_hours_scatter that creates a scatter plot of 'age' vs 'hours-perweek', coloring points by 'income'.

You'll want to look at MatPlotLib's pyplot.scatter() for this one.

In [73]: plot_age_hours_scatter(df)



Question 2c: Write a function plot_income_by_marital_status which plots a stacked bar chart that shows the proportion of income levels for each 'marital-status' category.

In [75]: plot_income_by_marital_status(df)

