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**Assignment:** Project #4

**Problem #1 Findings:** In the analysis of the adult\_training dataset, we observed that both men and women are predominantly employed in the 'Private' work sector, although more men than women work within this category. The marital status analysis revealed significant variations between genders. Particularly, men exhibit a wide range in the 'Married-civ-spouse' category, while women's distribution is more uniform across marital statuses. Older individuals tend to be more frequently married than single. We encountered no outliers in the education data, indicating its completeness. Lastly, among individuals aged 80 and above, there is a pronounced concentration of those over 90, surpassing the count of those between 80 and 90.

**Problem #2 Findings:** In the nutritional dataset, we identified the top 5 foods highest in saturated fat content, but comparing them directly is complicated due to varying portion sizes. To address this, we introduced a more equitable metric, saturated fat per gram, which revealed which foods are densely saturated with fat. These findings underscore the importance of selecting appropriate metrics for meaningful comparisons and highlight the need for comprehensive data quality assessments in understanding demographic and nutritional aspects of the datasets.