

Extension Proposal Template

Extension Pitch	<i>In addition to understanding family demographics, we propose exploring the correlation between household income and family structure. We would like to analyze the income distribution among different types of families, such as nuclear families, single-parent households, and extended families. This information can provide insight into the economic challenges faced by various family structures and how they relate to income.</i>
Rationale	<i>Understanding the relationship between family structure and income distribution can reveal important information about income inequality and economic opportunities for different types of families. It can also provide insights into the factors that contribute to economic success or hardship for families. This extension is interesting to us and our team because we believe it can help us gain a more comprehensive understanding of the challenges faced by families and how they relate to their economic circumstances.</i>
Questions for Analysis	<i>We hope to find out how income distribution varies across different types of families. Specifically, we are curious to see if there is a significant income disparity between nuclear families and single-parent households. We also want to explore if extended families tend to have a more equal income distribution compared to other family structures. We hypothesize that single-parent households will have lower median incomes than nuclear families and extended families. We also hypothesize that extended families will have a more equal income distribution than other family structures.</i>
Data Sets & Sources	<i>We will use data from the U.S. Census Bureau's Current Population Survey (CPS) to analyze family income and structure. We will also use other public data sources, such as the American Community Survey (ACS), to supplement our analysis.</i>
Data Visualizations	<i>We plan to create a series of visualizations, including bar charts and pie charts, to illustrate the income distribution across different types of families. We will use a horizontal bar chart to display the median income for each type of family, with each bar color-coded to represent a different family structure. We will also create a pie chart to show the distribution of income for each family structure, highlighting the percentage of households that fall within different income ranges.</i>
Additional Information	<i>We will also consider other factors that may impact income distribution, such as education level and geographic location. This information will help us gain a more complete understanding of the relationship between family structure and income.</i>