



Analysis

The graph titled "Impoverished Students vs District Density (Filtered Data)" provides a scatter plot that plots the number of students in poverty against the total number of students in each district. Each blue circle represents a unique district, and the density of the circles provides an intuitive understanding of the concentration of districts with particular characteristics.

From a cursory observation, there is a clear concentration of data points towards the bottom left quadrant, indicating that a significant number of districts have a lower total number of students and, correspondingly, a smaller number of impoverished students. However, as we move towards the right of the graph, representing districts with a higher total of students, there is a noticeable spread in the number of impoverished students. This suggests variability in the proportion of impoverished students in larger districts.