The Effect of Array Size on the Runtime of QuickSort

A scatter plot titled "The Effect of Array Size on the Runtime of QuickSort" with "Array size (n)" on the x-axis (ranging from 0 to 100000000) and "Time (milliseconds)" on the y-axis (ranging from 0 to 4000). Data points are labeled: 10, 230, 645, 1091, 1436, 2293, 3168, 3256.