

T27

T1: The number of shoes, grouped by different sizes, is displayed.

The percentage of Nike out of all shoes, grouped by different sizes, is displayed.

Size 12 has the highest percentage (over 80%) of Nike shoes sold.

Size 7 is the most manufactured and has the highest percentage sold.

Size 7 of Nike shoes should be manufactured less because they represent the lowest proportion of Nike shoes sold out of all sizes of Nike shoes and sizes 8-12 of Nike shoes should be manufactured more because they represent a higher proportion of Nike shoes sold out of all sizes of Nike shoes and size 12 represents the highest proportion sold.

T2: Very low crime rate has high frequency, points plotted are concentrated around a lower crime rate i.e slightly above 20. For rooms, crime is low with few high outliers indicating high crime. For a higher percentage of units built before 1940 and lower median house value crime rate recorded is increasing with some high outliers.

From the histogram of rooms per dwelling, the median value of rooms per dwelling is 6. Also, plots of rooms per dwelling are concentrated around number 6 when the room per dwellings are plotted against the 3 other variables, separately (crime rate, number of rooms, percentage of units built before 1940 and median house value).

The average line shows a positive gradient, as the number of rooms per dwelling increases, the median house value increases. However, for a median house value of up to 10 and 45 the correlation is less strong as there are more points before and after the average line, meaning for a lower number of rooms per dwelling, the median house value is lower and in other instances higher than for 6 rooms per dwelling.

Near 100% percentage of houses built before 1940 have the highest frequency so most houses are built before 1940 hence they are not new.

There is a median house value from 20 on in both older and newer neighborhoods. Also, there are fewer properties of higher value above the median house value of 25, however, they are found in both older and newer neighborhoods. Properties below a 20 median house value are concentrated towards older neighborhoods.