1.

A screen shot of a graph

Description automatically generated

The data is strongly positively correlated, with an r value of 0.926.

2.

A screen shot of a computer

Description automatically generated

3.

A screenshot of a computer

Description automatically generated

Correlation is still strong and positive, but it is much less strong than the first dataset.

A screen shot of a computer

Description automatically generated

Overall, there were a few major differences between the two datasets. As mentioned previously, the correlation between traffic size and number of distinct users is much weaker in the second data set, though it is still a strong, positive correlation. Additionally, the first dataset showed a fairly distinct pattern of increasing ClientID numbers as the day progressed. This pattern is nowhere to be found in the second dataset. In this second dataset, there appears to be a few super users who accessed the site throughout the day, but apart from that, access appears to be much more randomized in terms of ClientID’s.