Matplotlib Home Work: Pymaceuticals Inc.

Observations:

1. Both Capomulin and Ramicane had the lowest mean and median suggesting that these drugs have more potential, however they also had much more data points (approx. 100 more) than the other drugs which could be influencing their averages comparatively.
2. Out of the four promising drug regimens, Infubinol was the only one with outliers of 31 and 36.32. The data for this drug is more heavily skewed above the median 60.17.
3. Both Capomulin and Ramicane have very similar numbers when it comes to their quantiles, IQR, Median, and lower/upper bounds. This may suggest that their above average data points could be partially contributing to this outcome.
4. The correlational relationship between mouse weight and tumor volume is strong (84%), this makes sense intuitively given that the larger a tumor a mouse has, the greater mass of the mouse, and therefore the greater the weight the mouse would have.