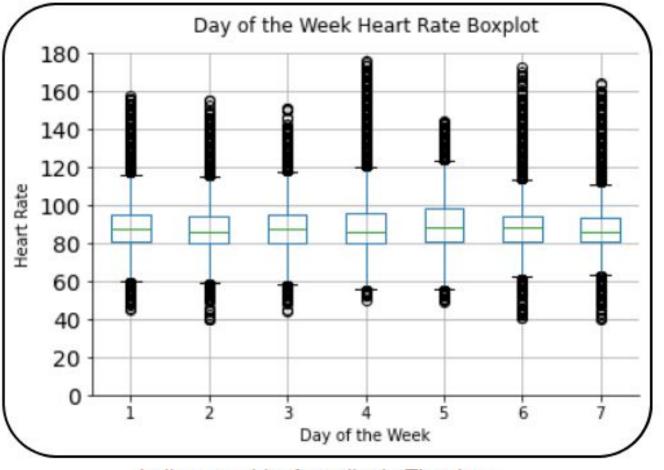
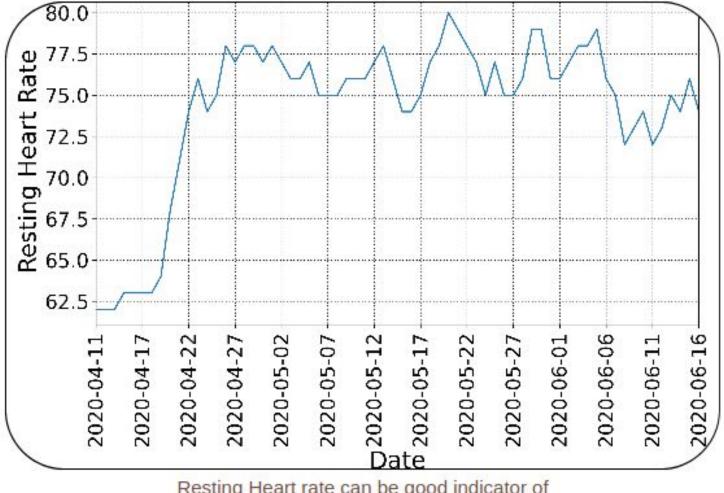


Indicates a right skew Median>Mean

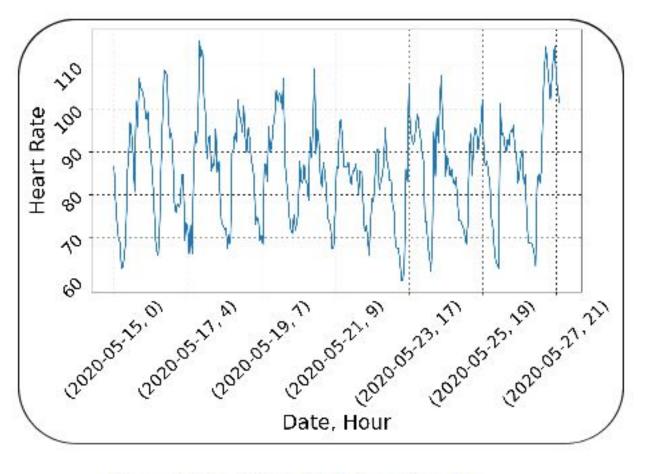




Indicates a bit of a spike in Thurdays



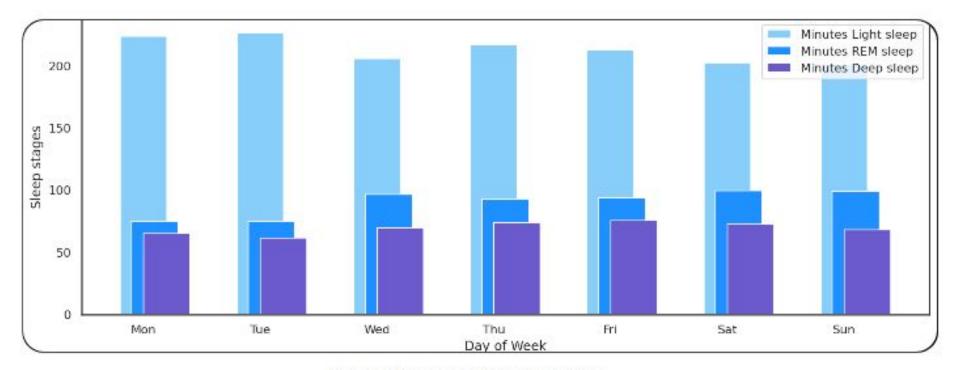
Resting Heart rate can be good indicator of health



General Heart Rate Stats for a few days

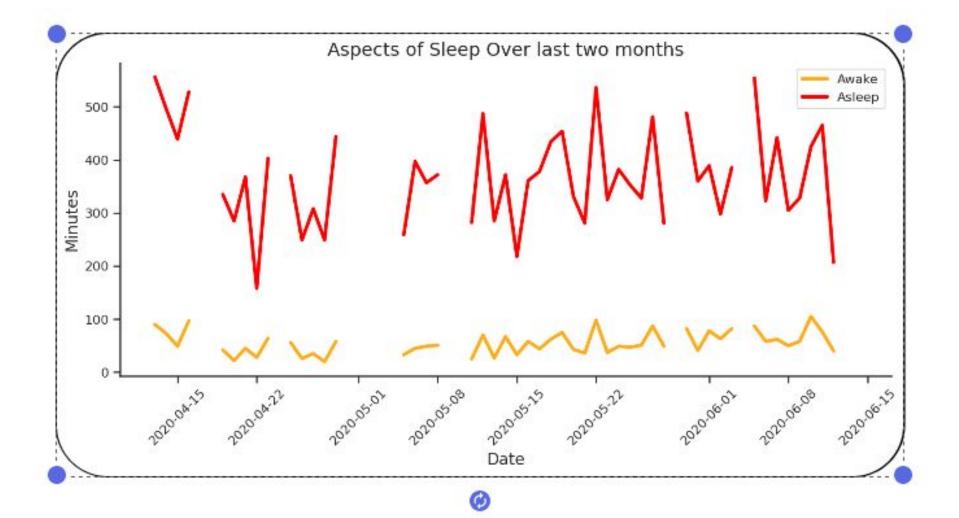
print('HR when Free & Asleep: '+str(round(Free

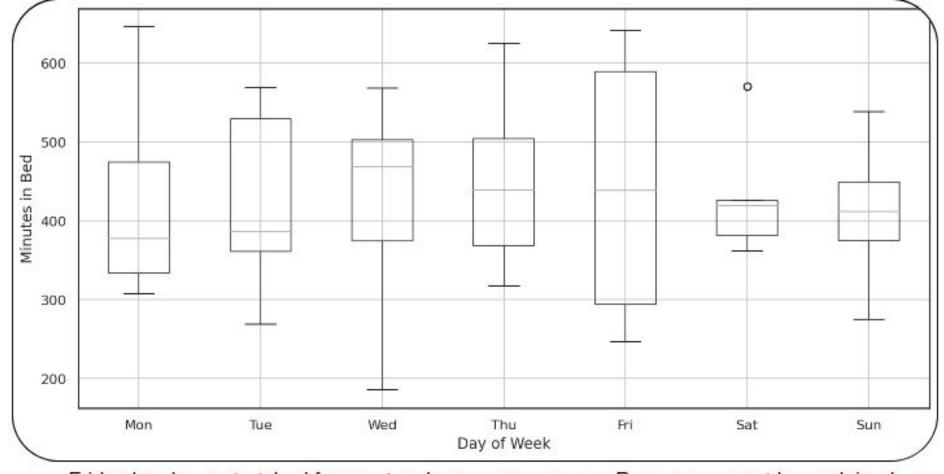
HR when Free & Awake: 88.13 HR when Free & Asleep: 77.04



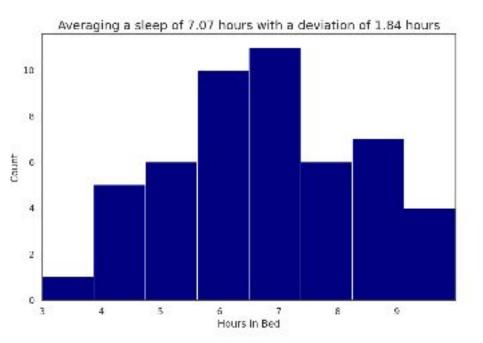
Type of Sleep per day on Average.

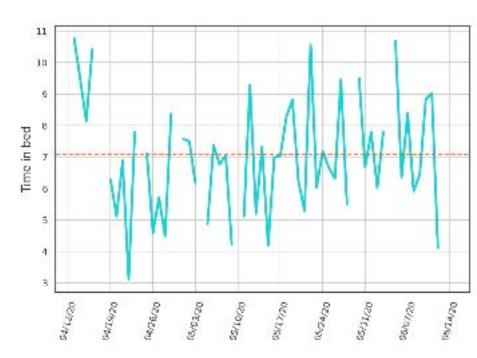
We can see that light sleep makes the most part of the sleep cycle. Quality of sleep matters.

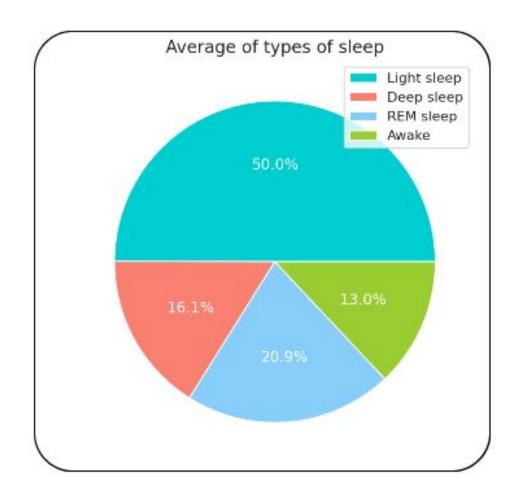




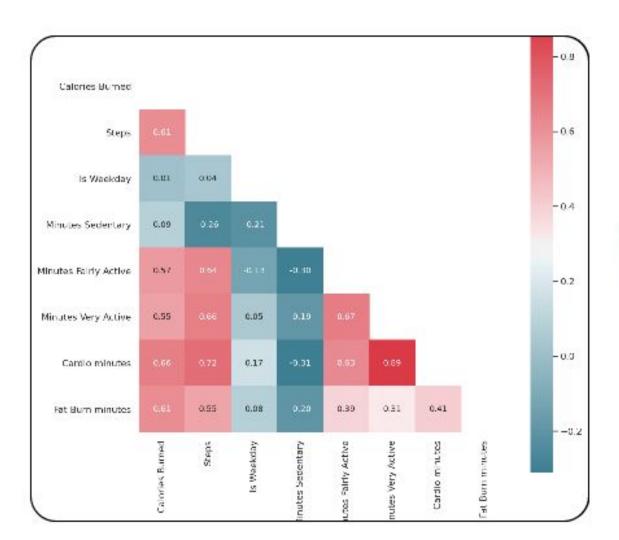
Friday has been stretched for greater sleep as we can see. Reasons can not be explained unless personal data is available.



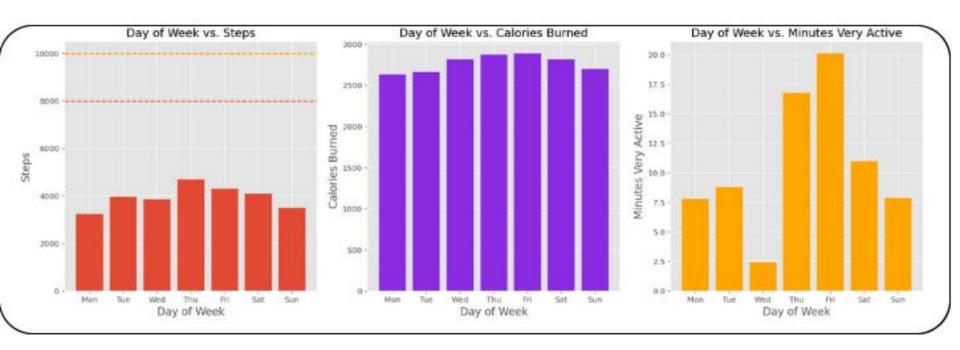


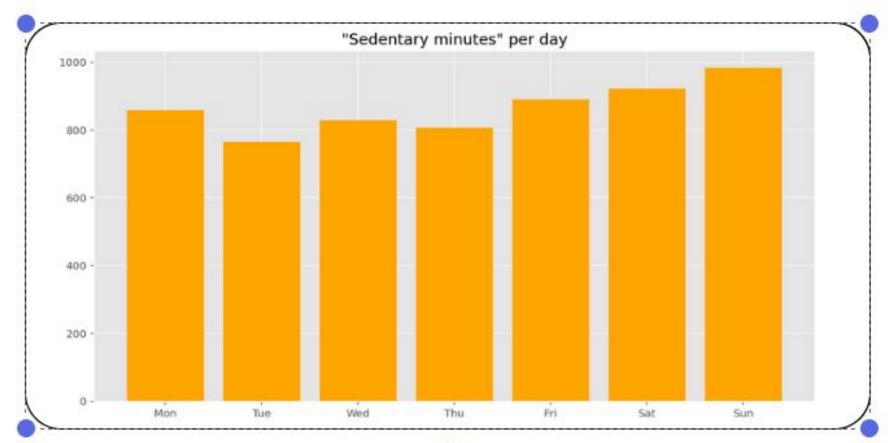


Quality of sleep needs to be improved.



Correlation matrix indicates Caories burned is related to steps and acive/fat burn minutes.





	count	mean	std	min	25%	50%	75%	max
Calories Burned	67.0	2765.388060	555.918540	26.0	2567.5	2790.0	3005.5	4041.0
Steps	67.0	3938.044776	2289.191894	0.0	2704.0	3762.0	4814.0	12128.0
Minutes Sedentary	67.0	865.537313	266.039376	20.0	728.0	813.0	997.0	1440.0
Minutes Fairly Active	67.0	12.283582	16.259082	0.0	0.0	7.0	18.0	74.0
Minutes Very Active	67.0	10.582090	16.103029	0.0	0.0	5.0	14.0	74.0
Cardio minutes	65.0	8.415385	12.813436	0.0	0.0	5.0	11.0	66.0
Fat Burn minutes	65.0	425.430769	213.266923	27.0	249.0	440.0	583.0	916.0
Resting Heart Rate	65.0	74.276923	4.816987	62.0	74.0	76.0	77.0	80.0

Stats over a period of two months.

Future analyses with more data could include predictions of what days might throw off data such as special holidays, any seasonal effects such as getting more sleep in the early part of the year versus the latter or predicting events from data. We can use machine learning models to fill in the missing values. Also, further analyses could have been drawn if sleeping patterns, work hours of someone are known before hand.