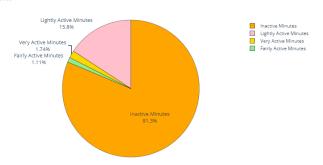


It is clearly visible that there is a linear relationship between these two variables 'Total Steps' & 'Calories'

Total Active Minutes



It is clear that a lions portion of a day remains inactive, whereas 1.74% remains effectively active

```
In [10]: #Let us have a Look the day in a week

df['Day'] = df['ActivityOate'].dt.day_name()

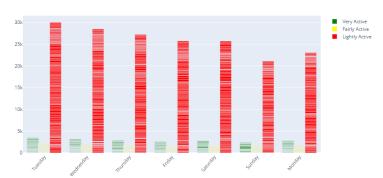
df['Day'].head()

Out[10]: 0 Tuesday

1 Nednesday
2 Thursday
3 Friday
4 Saturday
Name: Day, dtype: object
```

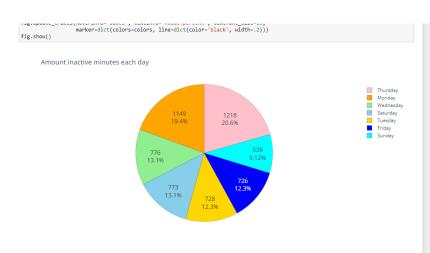
In [11]: $\begin{tabular}{ll} \# \ here \ we \ are \ checking \ the \ different \ levels \ of \ activeness \ in \ each \ day. \end{tabular}$

Level of activeness each day



```
In [13] # Amount of inactive minutes in a day
    day = df['Day"].value_counts()
    label = day.index
    counts = df['SedentaryMinutes"]
    colors = ['gold', 'lightgreen', 'pink", "blue", "skyblue", "cyan", "orange"]

fig = go.Figure(data=[go.Pie(labels=label, values=counts)])
    fig.update_layout(title_text='Amount inactive minutes each day')
    fig undate_trace(houraifor_islabel', taytifor_valuangerant', taytfort_cirals
```



Thursday and Monday are the most inactive days. It might imply that the person is busy in doing some other jobs in these two days. However, other days are comparatively closer to each other regarding inactiveness.

Findings:

From the above analysis we can conclude the following:

- It is possible that people misses a large portion of their time to take care of their health.

 We have found out that almost more than 80% of their time remains inactive, meaning that people use less time to care about their health. There might be various reason behind this inactiveness.

 Other than sunday and monday, people use to remain inactive most of the day of week.

 It is also important to mention that 'Calories' burnt and 'TotalSteps' are corelated to each other and Calories burn increase with the increase of TotalStep.