

```
In [7]: import pandas as pd
from matplotlib import pyplot as plt

dataframe = pd.read_csv('C191_satellite_data.csv')
#print(dataframe)

df = pd.DataFrame(dataframe, columns=['Power (Watts)', 'Official Name of Satellite'])
df.replace(" ", float("NaN"), inplace=True)

df = df.dropna()

sorted_df = df.sort_values(by=['Power (Watts)'])
#print(sorted_df)

use_least_power_satellite = sorted_df.tail(5)
print(use_least_power_satellite)

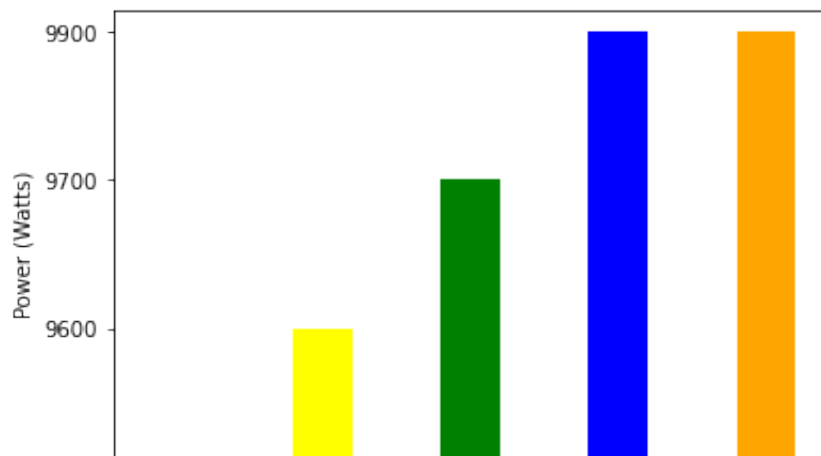
name = use_least_power_satellite['Official Name of Satellite']
power = use_least_power_satellite['Power (Watts)']

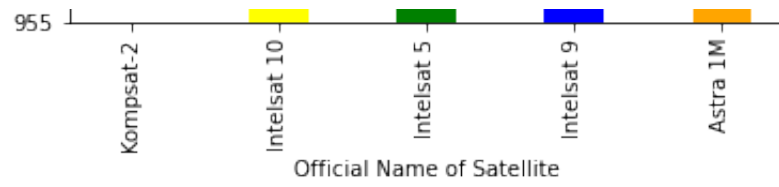
plt.xlabel("Official Name of Satellite")
plt.xticks(rotation='vertical')
plt.ylabel("Power (Watts)")

label = name
value = power
plt.bar(label, value, width=0.4, color=('red', 'yellow', 'green', 'blue', 'orange'))
```

	Power (Watts)	Official Name of Satellite
766	955	Kompsat-2
621	9600	Intelsat 10
642	9700	Intelsat 5
647	9900	Intelsat 9
102	9900	Astra 1M

Out[7]: <BarContainer object of 5 artists>





In []:

In []: