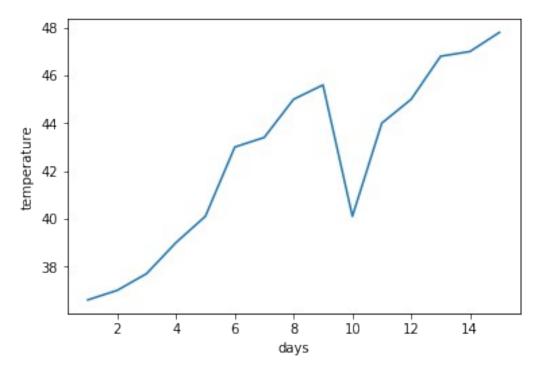
How to draw Seaborn line plot?

```
#Import libaries
import seaborn as sns # for data visualization
import pandas as pd # for data analysis
import matplotlib.pyplot as plt # for data visualization
# Syntax of seaborn lineplot function
sns.lineplot(
    x=None,
    v=None,
    hue=None,
    size=None.
    style=None,
    data=None,
    palette=None,
    hue order=None,
    hue norm=None,
    sizes=None,
    size order=None,
    size norm=None,
    dashes=True,
    markers=None,
    style order=None,
    units=None,
    estimator='mean',
    ci = 95,
    n boot=1000,
    sort=True.
    err_style='band',
    err kws=None,
    legend='brief',
    ax=None,
    **kwargs,
)
0.00
"\nsns.lineplot(\n
                      x=None,\n
                                    y=None,\n
                                                 hue=None,\n
                style=None,\n
                                 data=None,\n
size=None,\n
                                                  palette=None,\n
                     hue_norm=None,\n
hue order=None,\n
                                          sizes=None,\n
size order=None,\n
                      size norm=None,\n
                                            dashes=True,\n
                   style order=None,\n
markers=None,\n
                                           units=None,\n
estimator='mean',\n
                      ci=95,\n
                                    n boot=1000,\n
                                                      sort=True,\n
err_style='band',\n
                       err kws=None,\n
                                           legend='brief',\n
              **kwargs,\n)\n\n"
ax=None,\n
```

```
days = [1,2,3,4,5,6,7,8,9,10,11,12,13,14,15]
temperature = [36.6, 37,
37.7,39,40.1,43,43.4,45,45.6,40.1,44,45,46.8,47,47.8]
#create dataframe using two list days and temperature
temp_df = pd.DataFrame({"days":days, "temperature":temperature})
# Draw line plot
sns.lineplot(x = "days", y = "temperature", data=temp_df,)
plt.show()
```

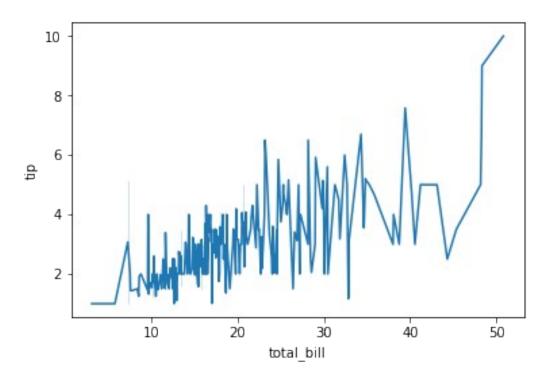


#load tips dataset from GitHub
tips_df = sns.load_dataset("tips")
tips df

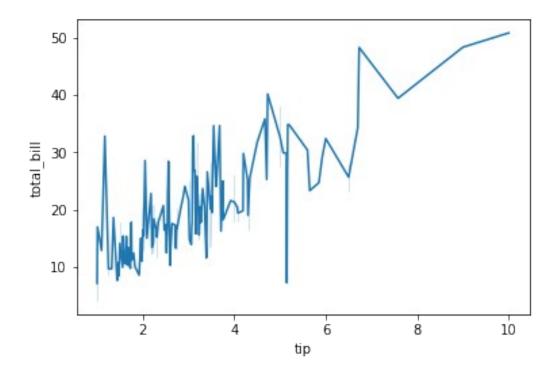
	total_bill	tip	sex	smoker	day	time	size
0	$\overline{1}6.99$	1.01	Female	No	Sun	Dinner	2
1	10.34	1.66	Male	No	Sun	Dinner	3
2	21.01	3.50	Male	No	Sun	Dinner	3
3	23.68	3.31	Male	No	Sun	Dinner	2
4	24.59	3.61	Female	No	Sun	Dinner	4
5	25.29	4.71	Male	No	Sun	Dinner	4
6	8.77	2.00	Male	No	Sun	Dinner	2
7	26.88	3.12	Male	No	Sun	Dinner	4
8	15.04	1.96	Male	No	Sun	Dinner	2
9	14.78	3.23	Male	No	Sun	Dinner	2
10	10.27	1.71	Male	No	Sun	Dinner	2
11	35.26	5.00	Female	No	Sun	Dinner	4
12	15.42	1.57	Male	No	Sun	Dinner	2

13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	18.43 14.83 21.58 10.33 16.29 16.97 20.65 17.92 20.29 15.77 39.42 19.82 17.81 13.37 12.69 21.70 19.65	3.00 3.02 3.92 1.67 3.71 3.50 3.35 4.08 2.75 2.23 7.58 3.18 2.34 2.00 2.00 4.30 3.00	Male Female Male Female Male Female Male Female Male Male Male Male Male Male Male M	No N	Sun Sun Sun Sun Sun Sat Sat Sat Sat Sat Sat Sat Sat	Dinner Dinner Dinner Dinner Dinner Dinner Dinner Dinner Dinner Dinner Dinner Dinner Dinner Dinner Dinner Dinner	4 2 3 3 3 2 2 4 2 4 2 2 2 2
214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241	28.17 12.90 28.15 11.59 7.74 30.14 12.16 13.42 8.58 15.98 13.42 16.27 10.09 20.45 13.28 22.12 24.01 15.69 11.61 10.77 15.53 10.07 12.60 32.83 35.83 29.03 27.18 22.67	6.50 1.10 3.00 1.50 1.44 3.09 2.20 3.48 1.92 3.00 2.72 2.88 2.00 3.00 2.72 2.88 2.00 3.39 1.47 3.00 1.25 1.00 1.17 4.67 5.92 2.00 2.00 2.00	Female Female Male Male Female Female Female Female Female Female Male Female Male Female Male Female Male Female Male Male Male Male Male Male Male M	Yes	Sat Sat Sat Sat Sat Sat Sat Sat Sat Sat	Dinner Dinner Dinner Lunch Lunch Lunch Lunch Lunch Dinner	3 2 5 2 4 2 2 4 2 2 4 3 2 2 2 2 3 3 2 2 2 2 2

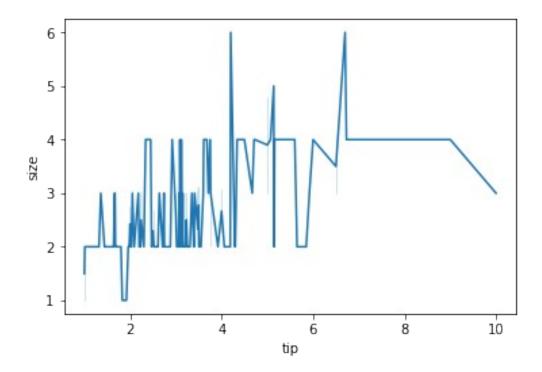
tips_df.shape # get shape of dataseat tips
(244, 7)
Draw line plot of total_bill and tip
sns.lineplot(x = "total_bill", y = "tip", data = tips_df)
<matplotlib.axes. subplots.AxesSubplot at 0x1d742eced30>



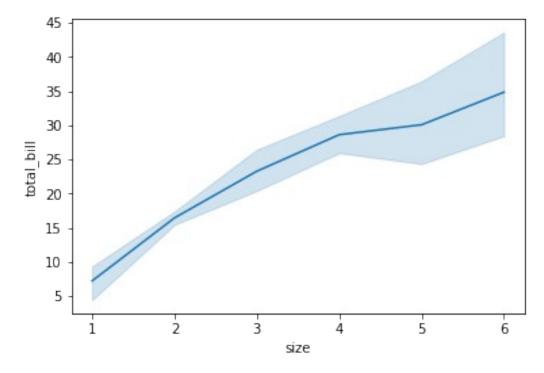
Draw line plot of tip and total_bill
sns.lineplot(x = "tip", y = "total_bill", data = tips_df)
<matplotlib.axes._subplots.AxesSubplot at 0x1d7442337f0>

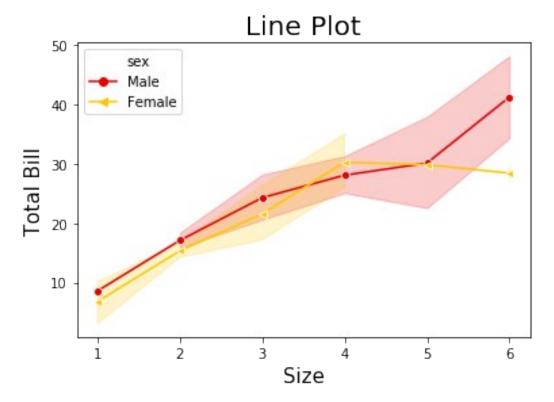


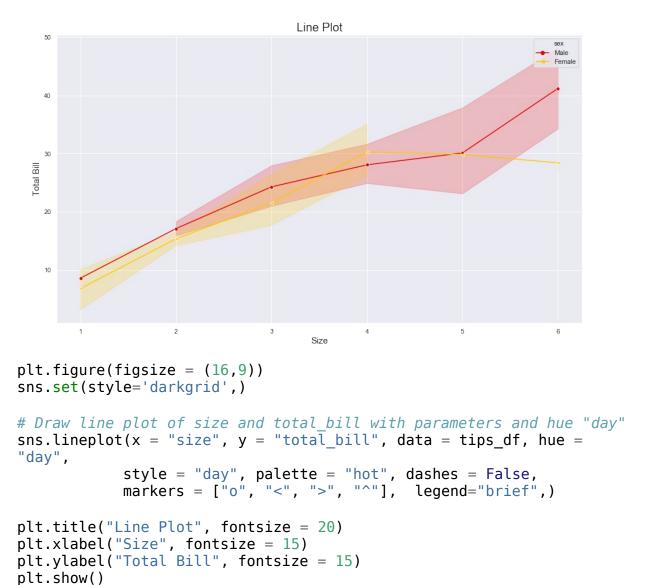
Draw line plot of tip and size
sns.lineplot(x = "tip", y = "size", data = tips_df)
<matplotlib.axes._subplots.AxesSubplot at 0x1d74279a0f0>

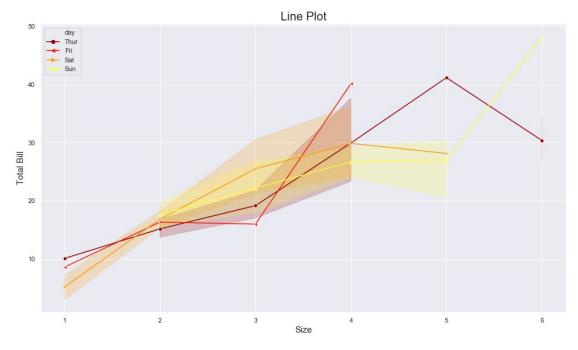


Draw line plot of size and total_bill
sns.lineplot(x = "size", y = "total_bill", data = tips_df)









print("Thank you -:)")

Thank you -:)