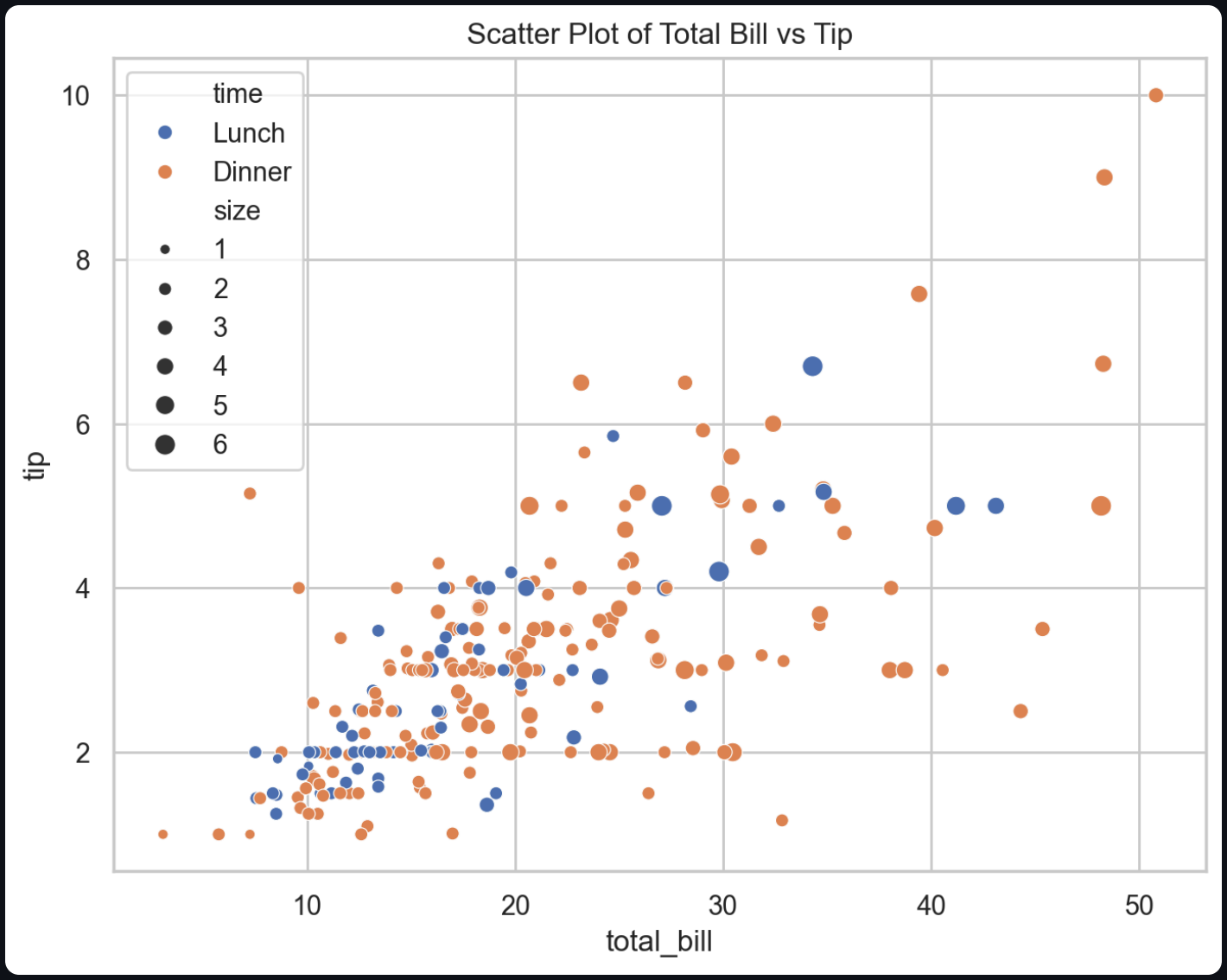
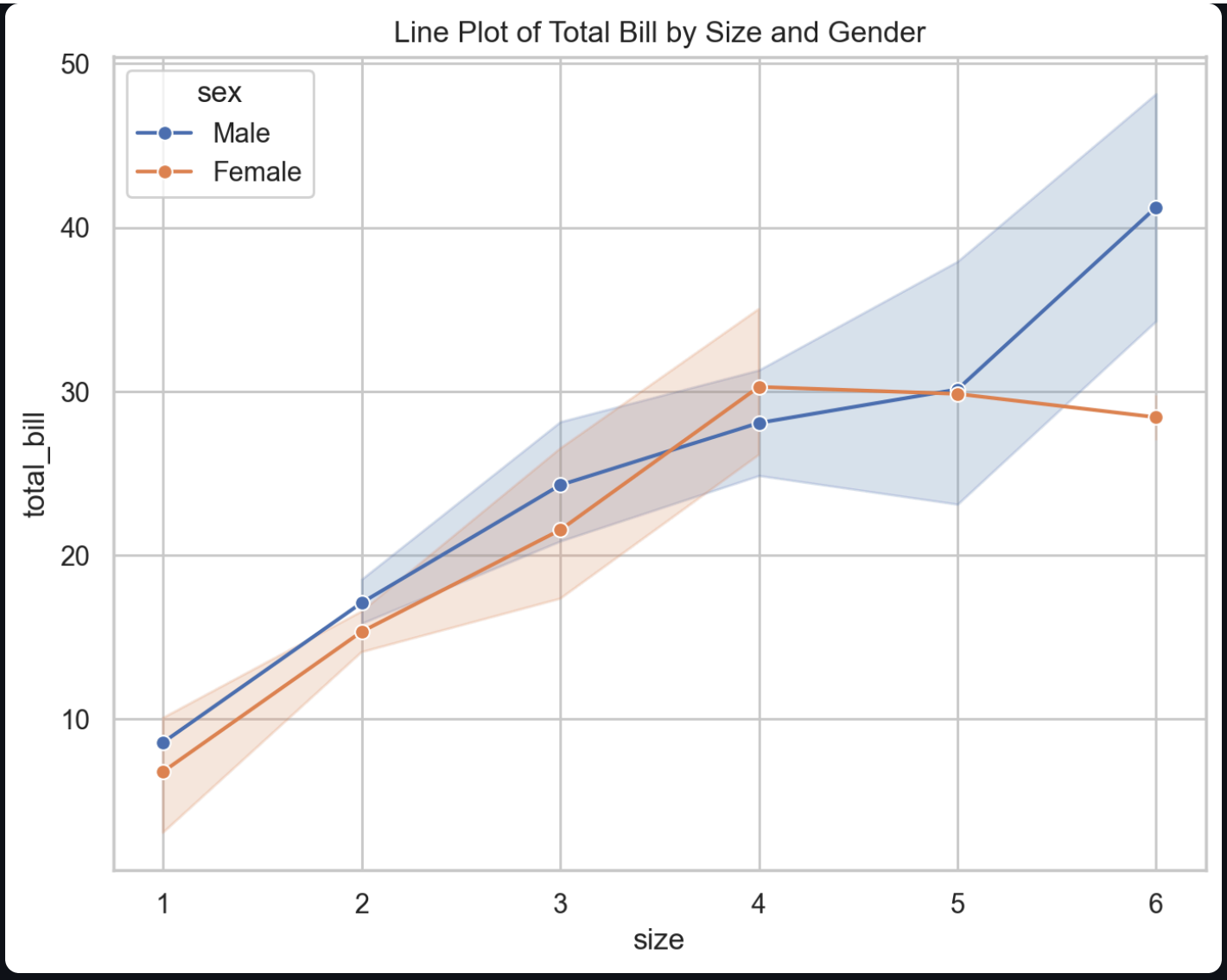
Tips Dataset Visualization App

This is a simple app to visualize the Tips dataset using Seaborn.

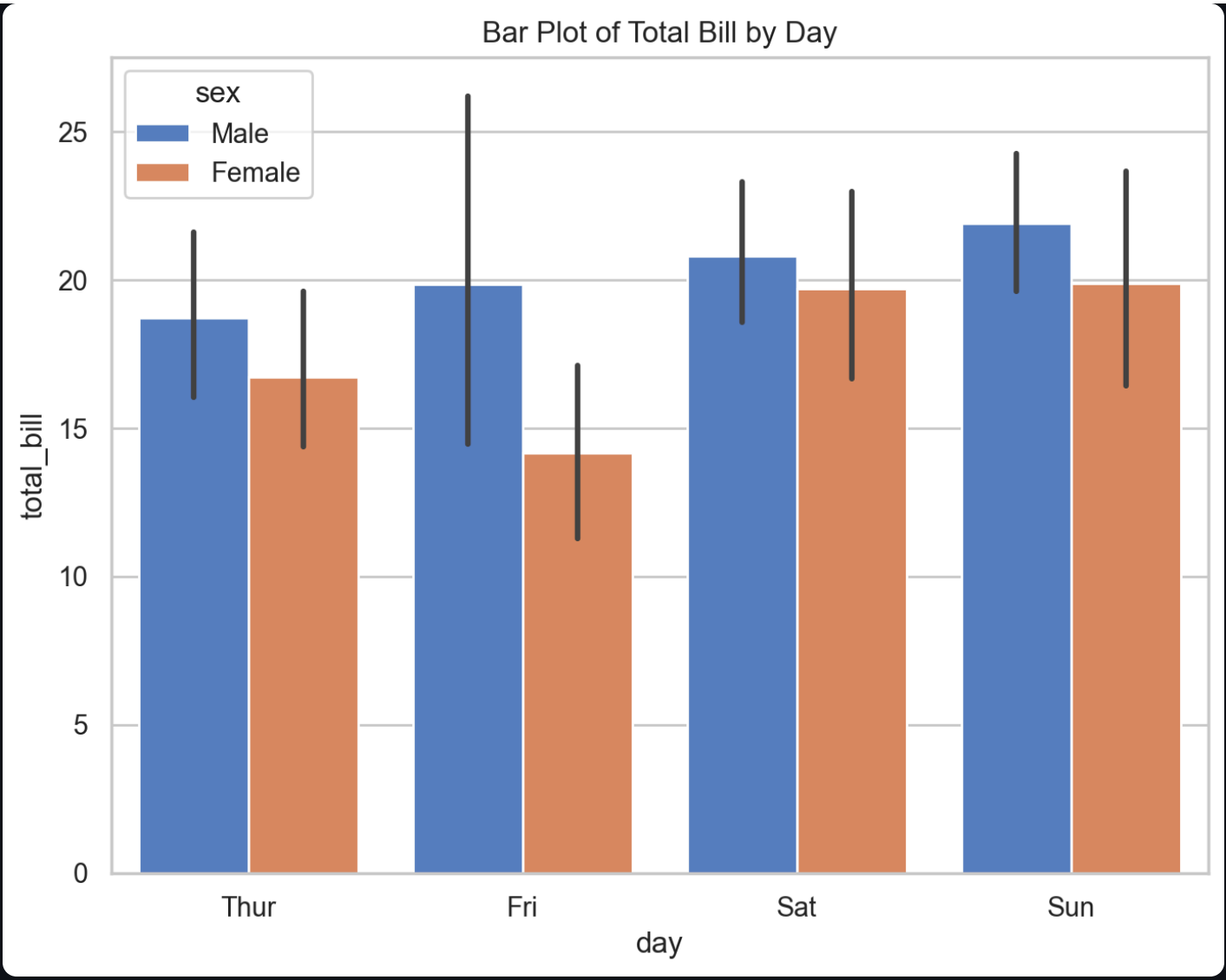
Scatter Plot



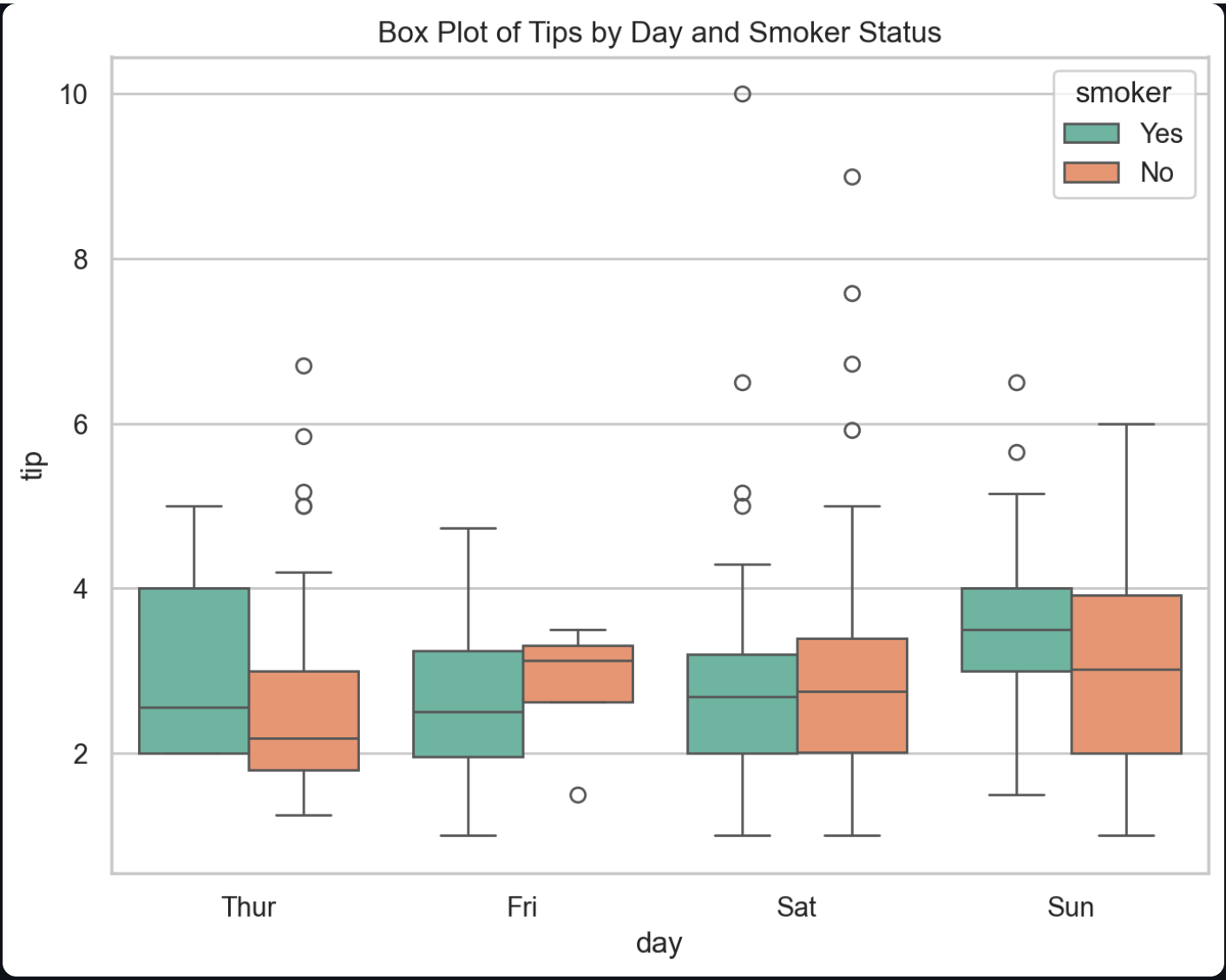
Line Plot


Line Plot of Total Bill by Size and Gender
sex
Male
Female
total_bill
size
50
40
30
20
10
1
2
3
4
5
6

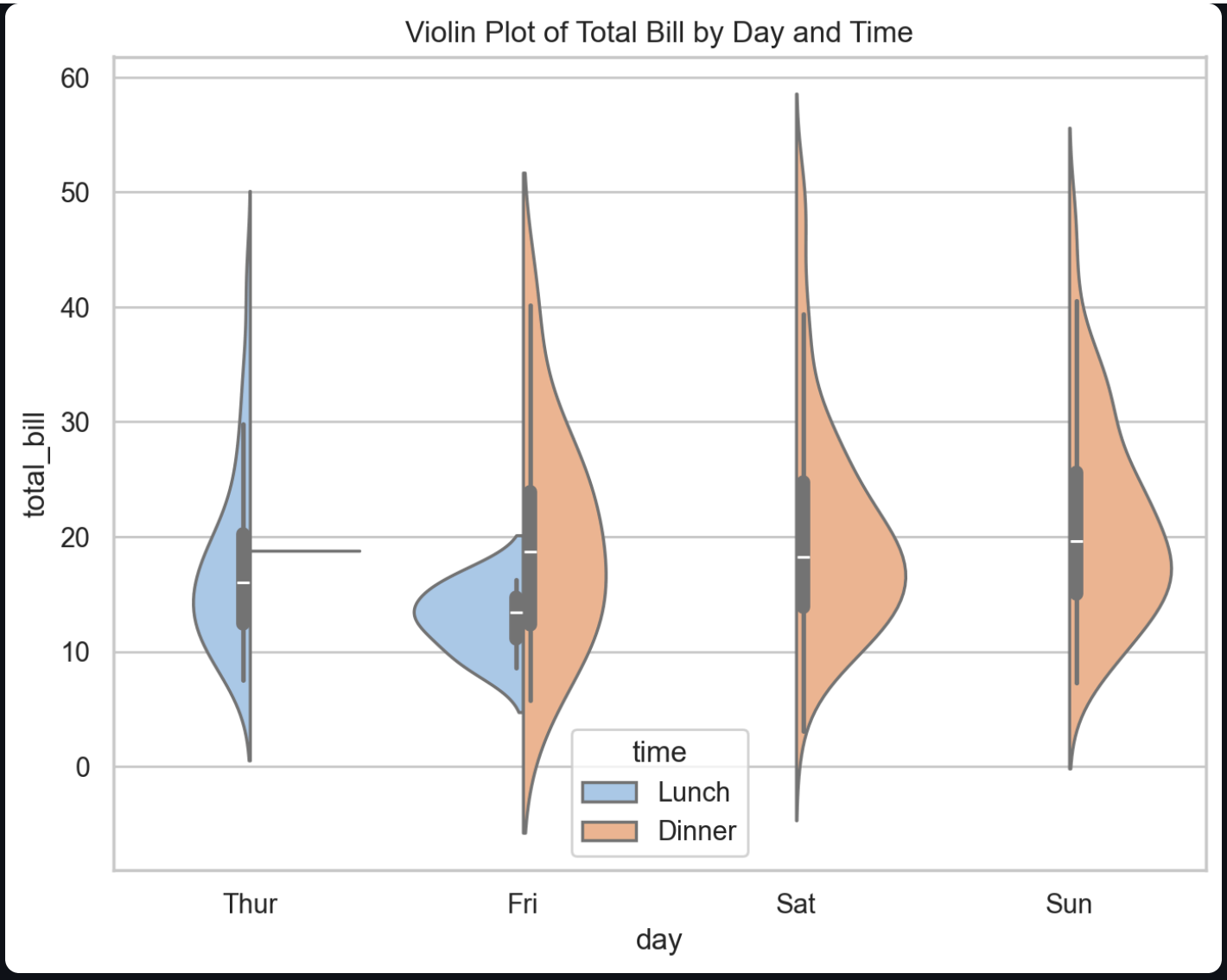
Bar Plot


Bar Plot of Total Bill by Day
sex
Male
Female
total_bill
0
5
10
15
20
25
Thur
Fri
Sat
Sun
day

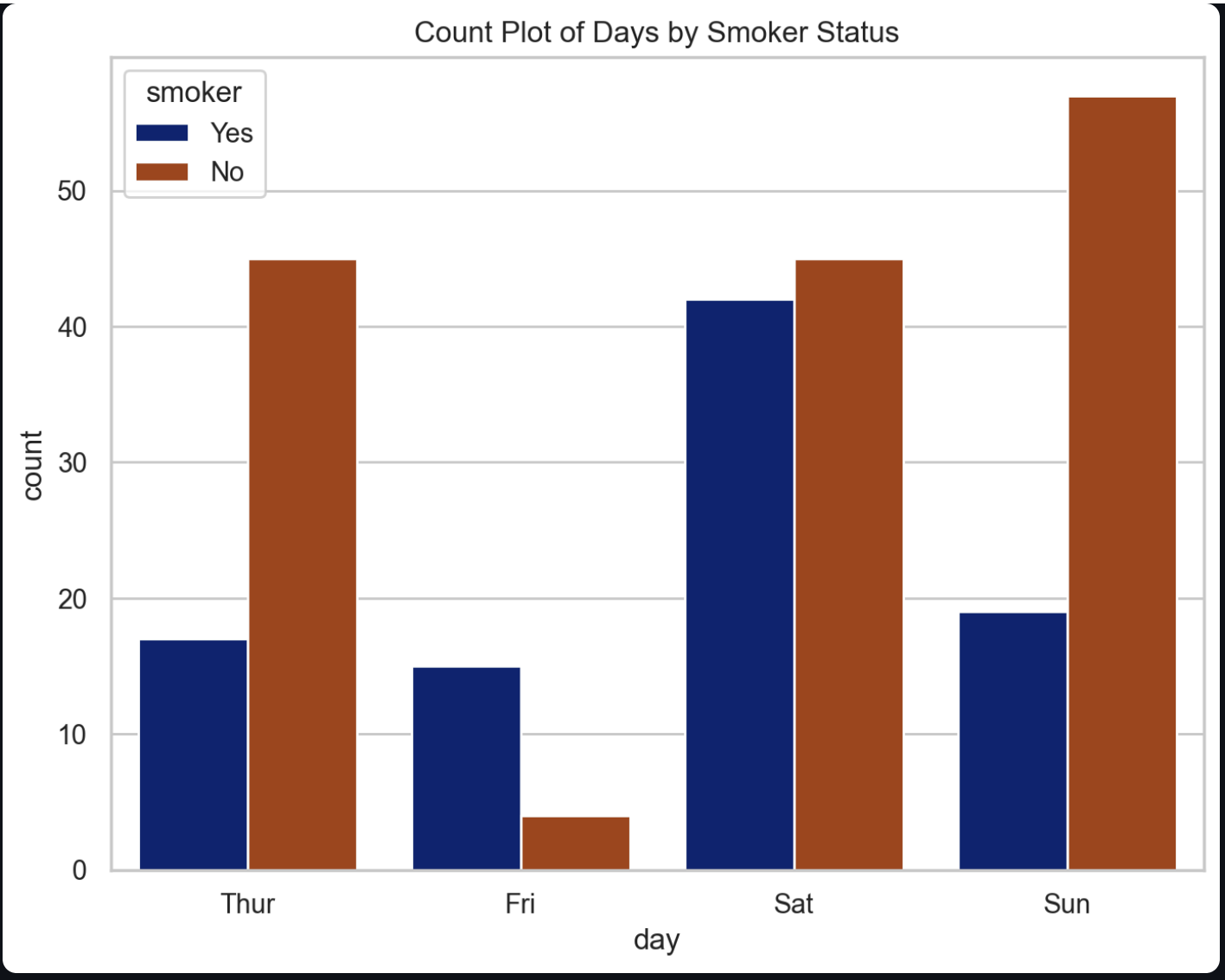
Box Plot


Box Plot of Tips by Day and Smoker Status
smoker
Yes
No
tip
10
8
6
4
2
Thur
Fri
Sat
Sun
day

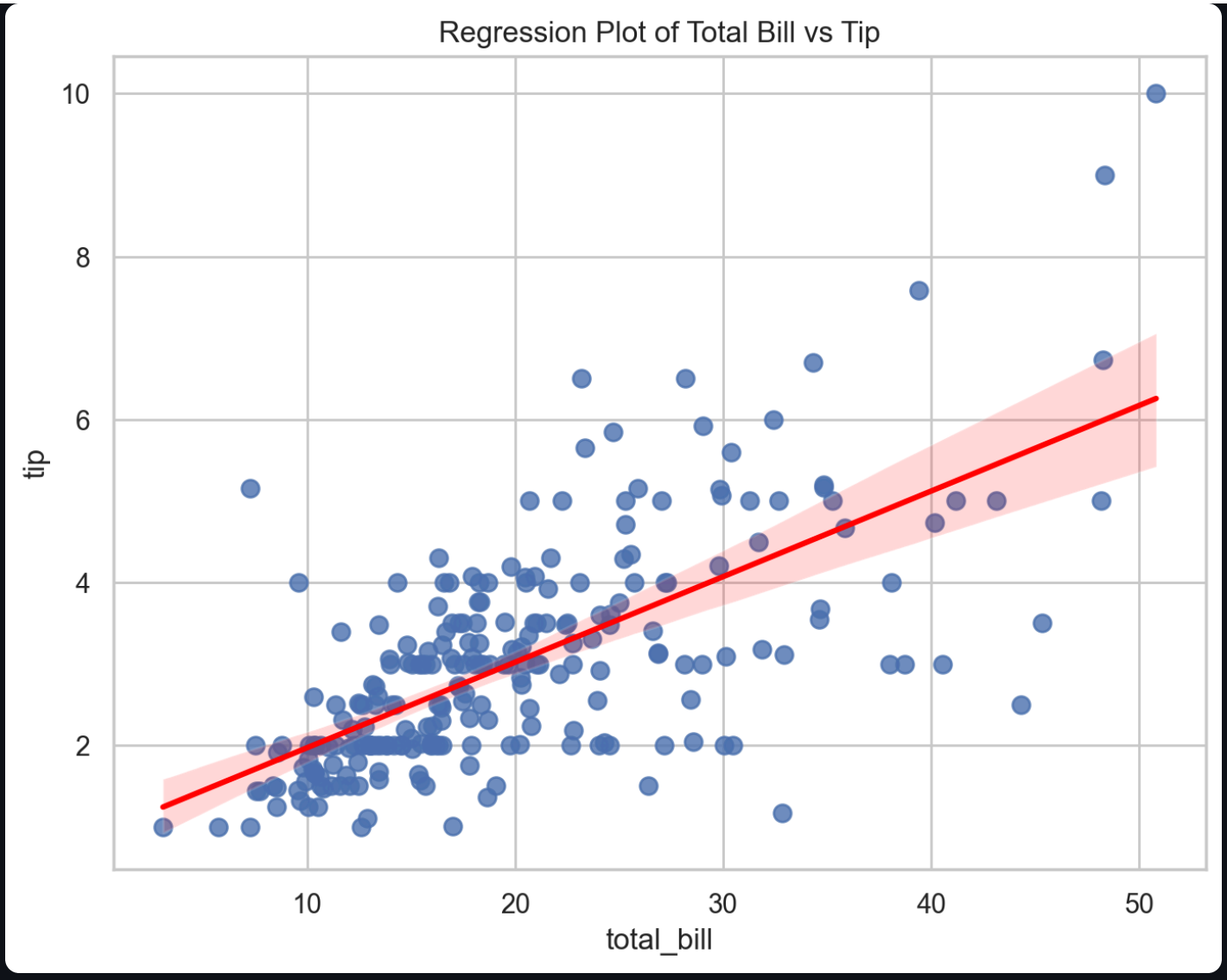
Violin Plot


Violin Plot of Total Bill by Day and Time
total_bill
60
50
40
30
20
10
0
time
Lunch
Dinner
Thur
Fri
Sat
Sun
day

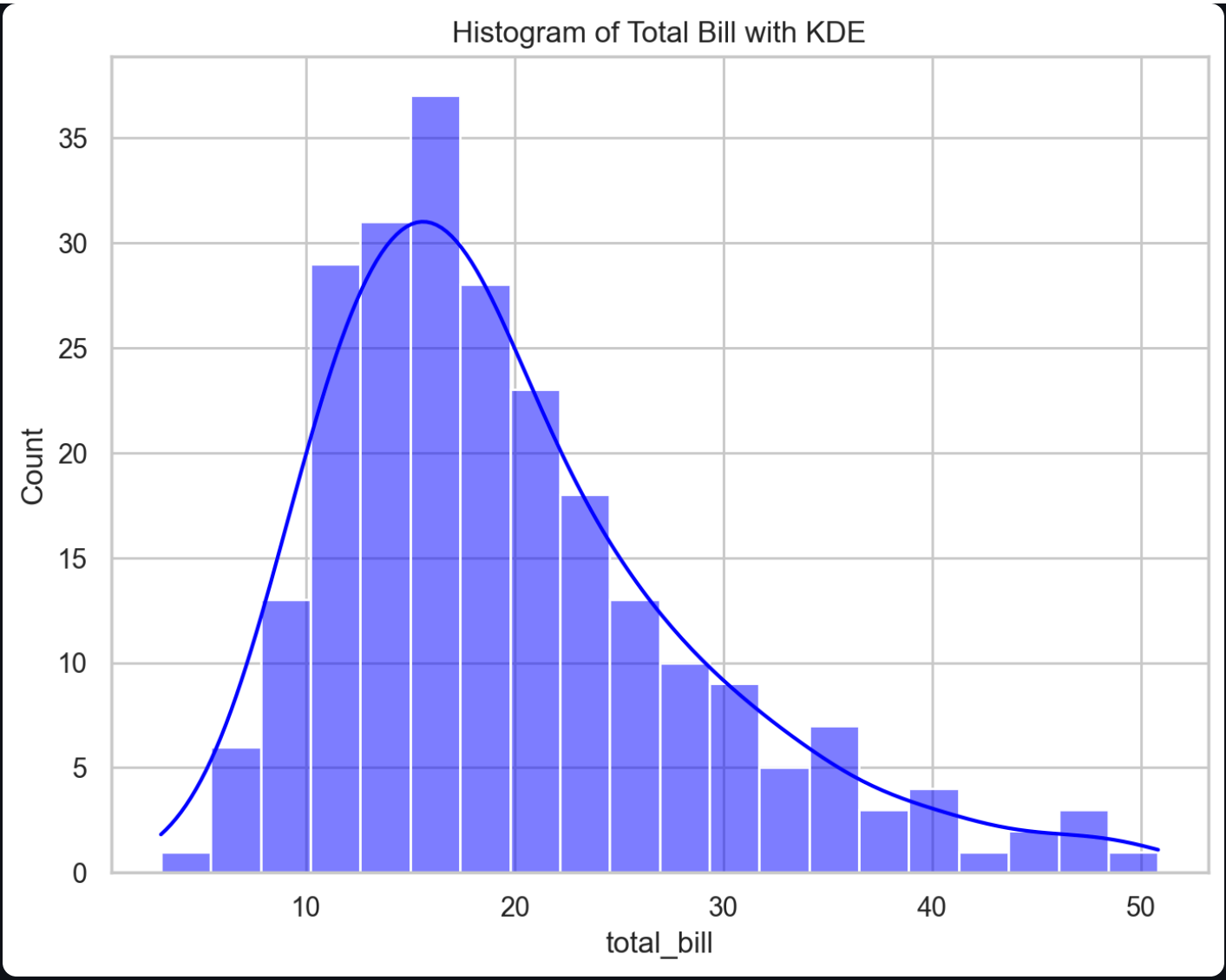
Count Plot



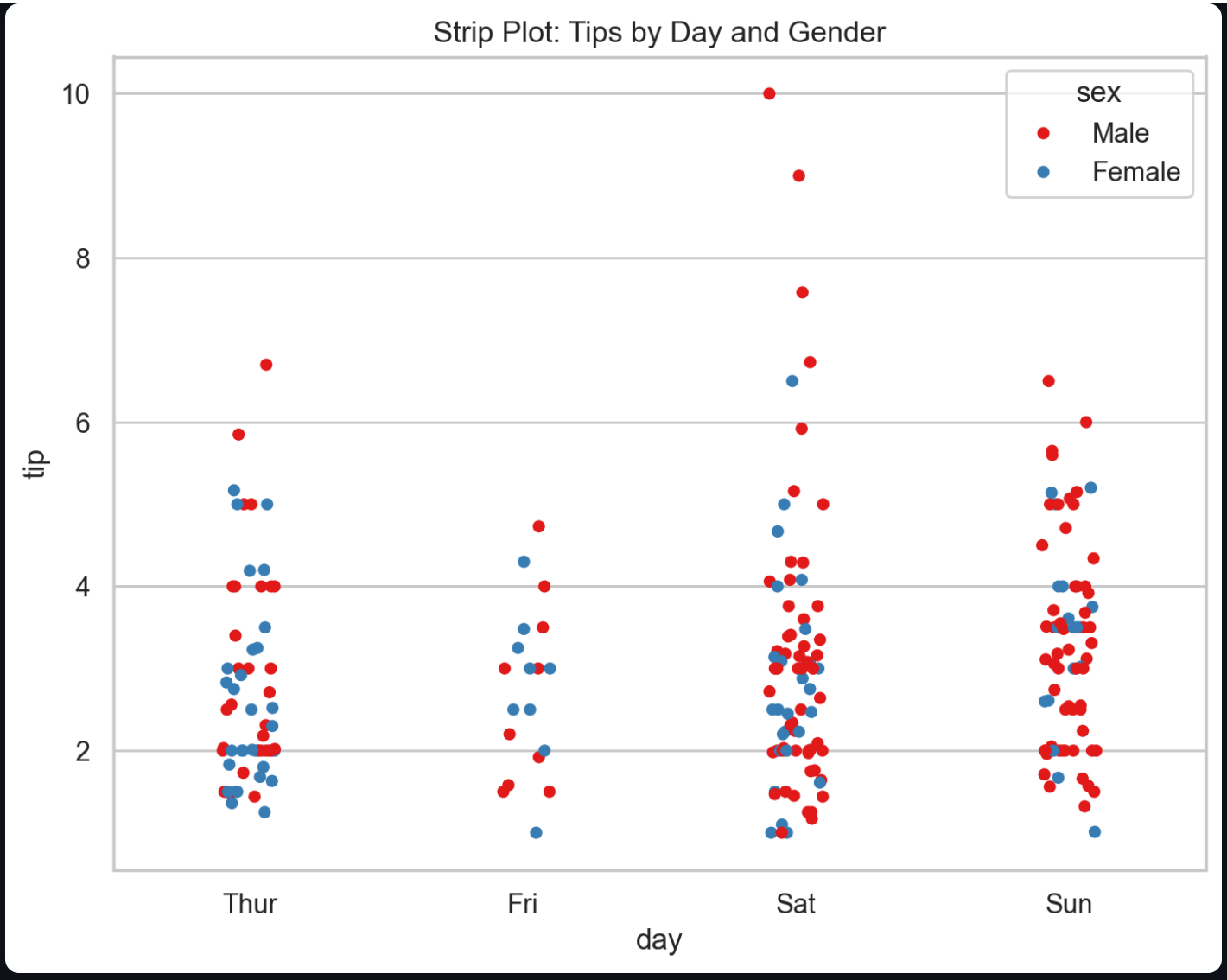
Regression Plot



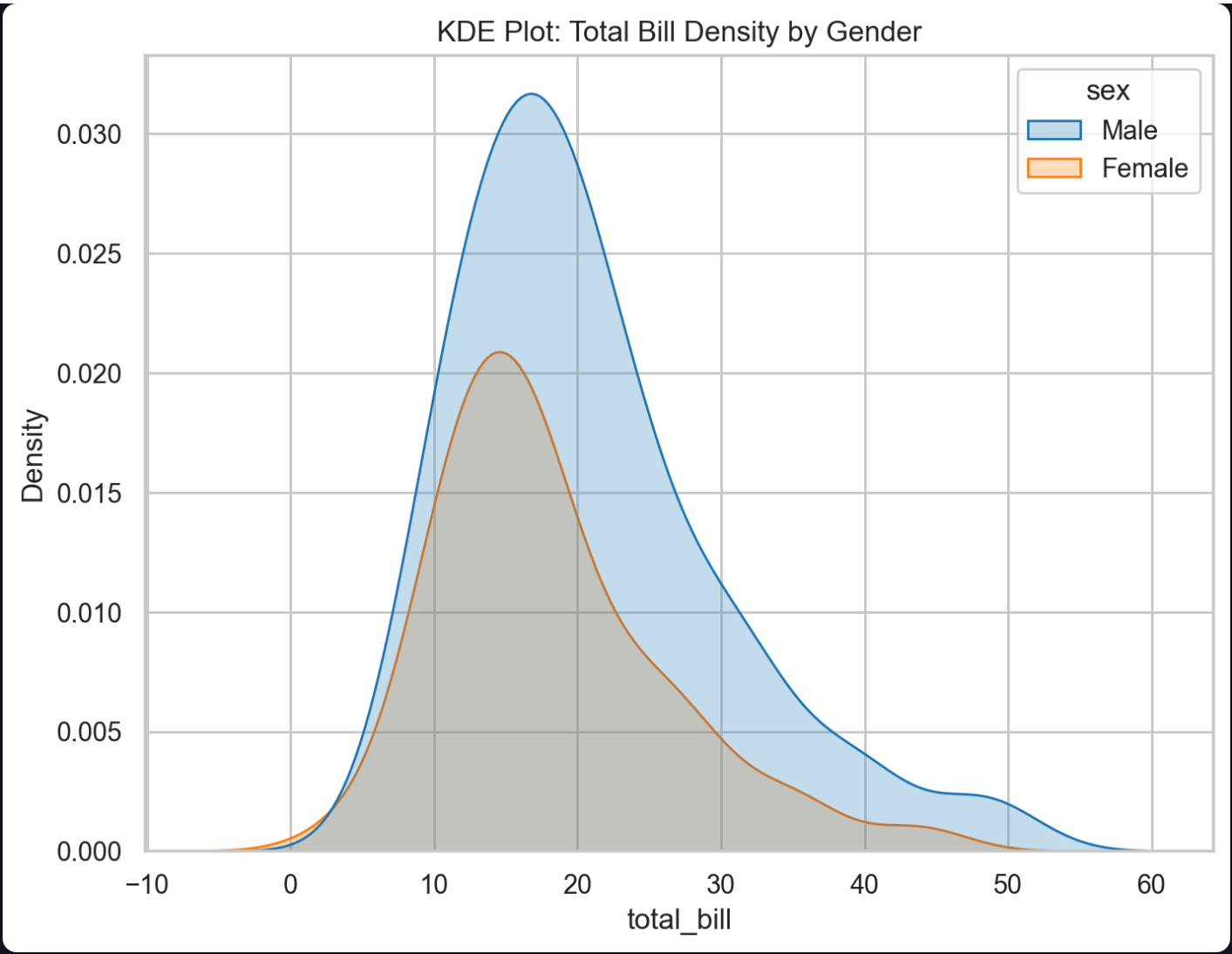
Histogram Plot


Histogram of Total Bill with KDE
Count
0
5
10
15
20
25
30
35
10
20
30
40
50
total_bill

Strip Plot

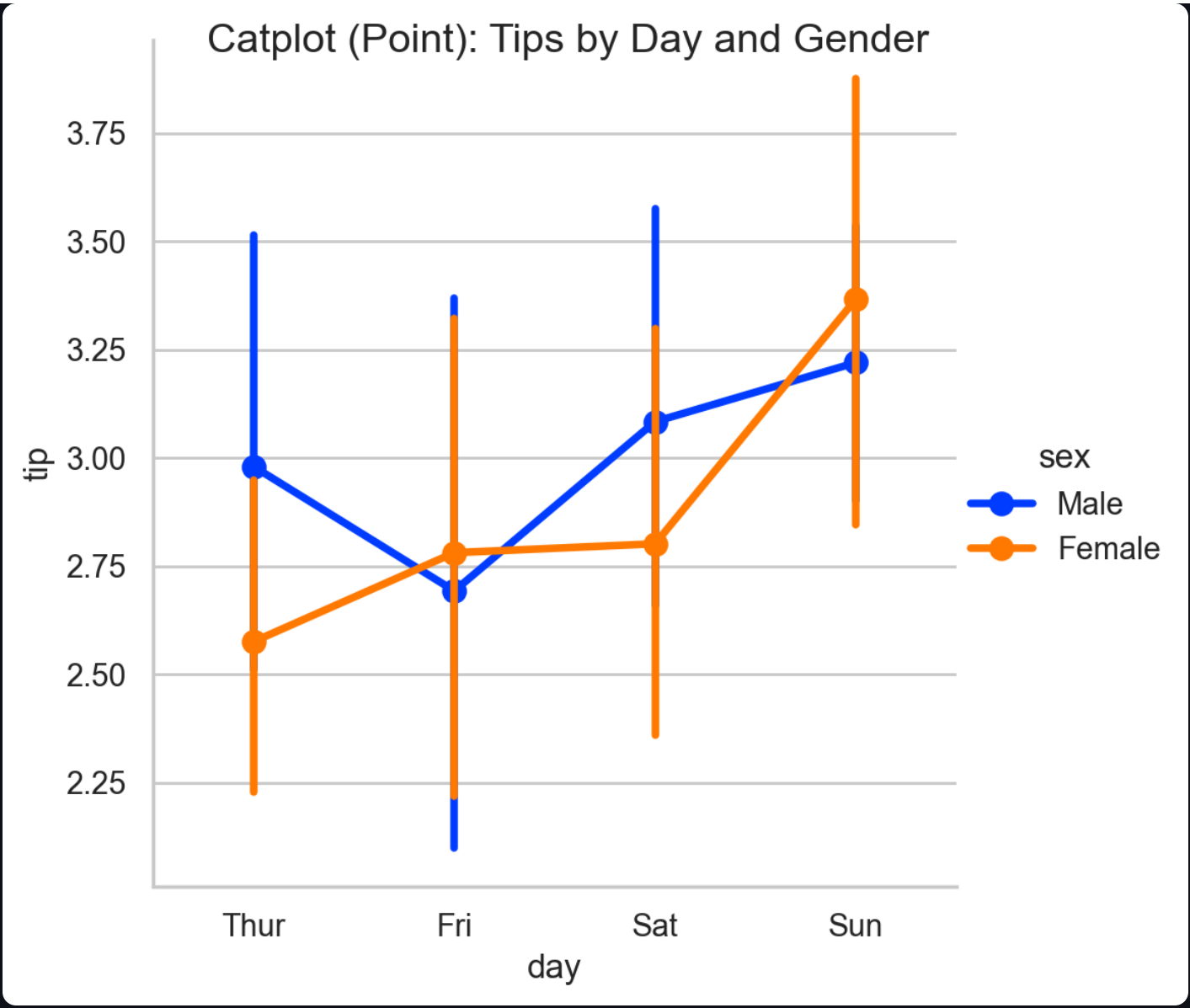

Strip Plot: Tips by Day and Gender
sex
Male
Female
tip
10
8
6
4
2
Thur
Fri
Sat
Sun
day

KDE Plot

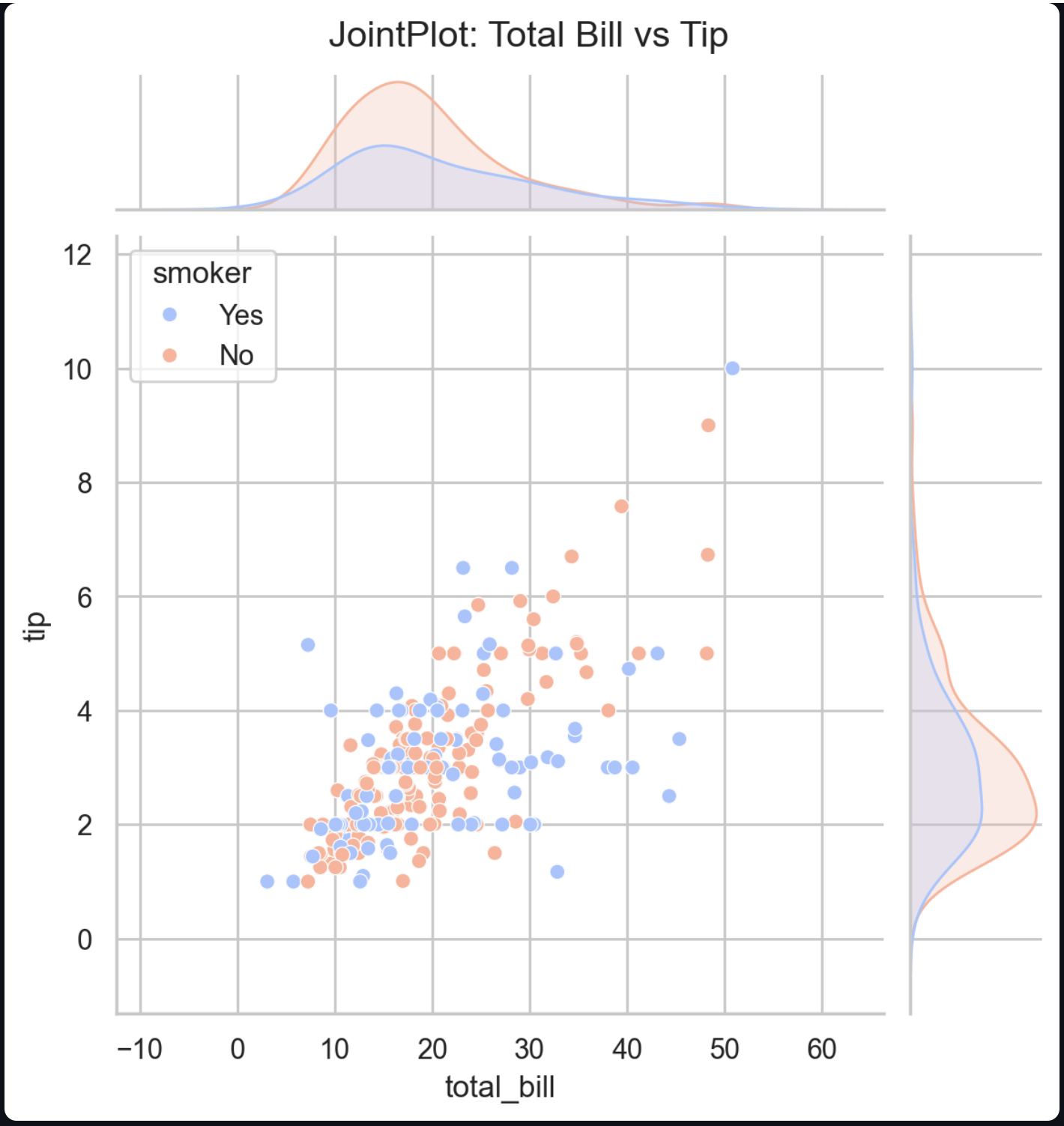

KDE Plot: Total Bill Density by Gender
sex
Male
Female
Density
0.030
0.025
0.020
0.015
0.010
0.005
0.000
−10
0
10
20
30
40
50
60
total_bill

Pair Plot

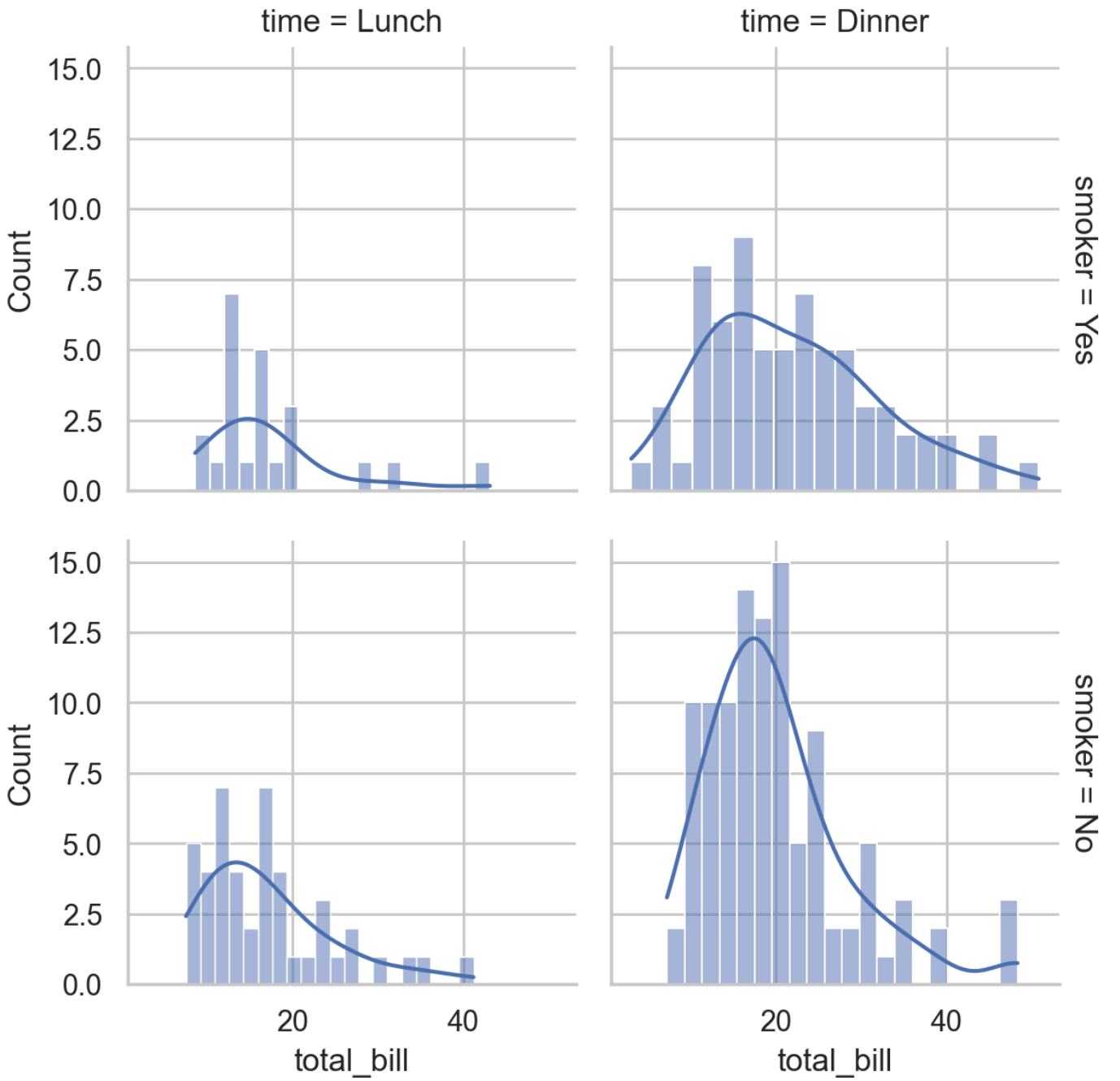
Cat Plot (Point)


Catplot (Point): Tips by Day and Gender
tip
3.75
3.50
3.25
3.00
2.75
2.50
2.25
Thur
Fri
Sat
Sun
day
sex
Male
Female

Joint Plot


JointPlot: Total Bill vs Tip
smoker
Yes
No
tip
total_bill
12
10
8
6
4
2
0
−10
0
10
20
30
40
50
60

Facet Grid


time = Lunch
time = Dinner
smoker = Yes
smoker = No
Count
Count
15.0
12.5
10.0
7.5
5.0
2.5
0.0
20
40
total_bill
total_bill