[]:	<pre>import numpy as np import pandas as pd import seaborn as sns import matplotlib.pyplot as plt # Canvas (Baloon board) sns.set(style="whitegrid") # Load data kashti = sns.load_dataset("titanic") kashti.head()</pre>
t[]:.	survived pclass sex age sibsp parch fare embarked class who adult_male deck embark_town alive alone 0 0 3 male 22.0 1 0 7.2500 S Third man True NaN Southampton no False 1 1 female 38.0 1 0 71.2833 C First woman False C Cherbourg yes False 2 1 3 female 26.0 0 7.9250 S Third woman False NaN Southampton yes True 3 1 female 35.0 1 0 53.1000 S First woman False C Southampton yes False 4 0 3 male 35.0 0 0 8.0500 S Third man True NaN </th
[]:	# Draw boxplot sns.boxplot(x="class", y="fare", data=kashti) plt.show();
	400 300 200 100 First Second Third
[]:	# Load new data tips = sns.load_dataset("tips") tips.head() total_bill tip sex smoker day time size
	0 16.99 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
[]:	<pre># Draw boxplot sns.boxplot(x="day", y="tip", data=tips) plt.show();</pre> 10 8 6
	Thur Fri Sat Sun
[]:	<pre># Draw boxplot (with saturation) sns.boxplot(x="day", y="tip", data=tips, saturation=0.2) plt.show();</pre>
	B G Thur Fri Sat Sun day
[]:	# View tips dataframe tips total_bill tip sex smoker day time size 0 16.99 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 4 239 29.03 5.92 Male No Sat Dinner 3 240 27.18 2.00 Female Yes Sat Dinner 2 241 22.67 2.00 Male Yes Sat Dinner 2
:]:	242 17.82 1.75 Male No Sat Dinner 2 243 18.78 3.00 Female No Thur Dinner 2 244 rows × 7 columns # Find statistical summary tips.describe()
:[]:	total_bill tip size count 244.000000 244.000000 244.000000 mean 19.785943 2.998279 2.569672 std 8.902412 1.383638 0.951100 min 3.070000 1.000000 1.000000
	25% 13.347500 2.000000 2.000000 50% 17.795000 2.900000 2.000000 75% 24.127500 3.562500 3.000000 max 50.810000 10.000000 6.000000
[]:	<pre># Draw boxplot on one column sns.boxplot(x=tips['total_bill']) plt.show();</pre>
	10 20 30 40 50 total_bill
[]:	<pre># Draw boxplot sns.boxplot(x='tip', y='day', data=tips) plt.show();</pre> Thur
	Fri Sun Sun
[]:	# Draw boxplot (add hue) sns.boxplot(x='tip', y='day', hue='smoker', data=tips) plt.show();
	Thur Yes No Sat Sun
[]:	# Draw boxplot (add palette) sns.boxplot(x='tip', y='day', hue='smoker',
	Thur Yes No
	Sun 2 4 6 8 10
[]:	<pre># Draw boxplot (add dodge=False) sns.boxplot(x='tip', y='day', hue='smoker', data=tips,</pre>
	Fri Sun
[]:	# Draw boxplot (add color) sns.boxplot(x='tip', y='day', data=tips, color="red") plt.show();
	Thur Fri Sat
[]:	# Draw boxplot (add hex color) sns.boxplot(x='tip', y='day', data=tips, color="#42f5e9")
	plt.show(); Thur Fri Sat
[]:	Sun 2 4 6 8 10
	<pre># Draw boxplot (add individual color for each hue) sns.boxplot(x='tip', y='day', hue="smoker", data=tips,</pre>
	Sat Sun 2 4 6 8 10
[]:[]:	# View dataset kashti.head() survived pclass sex age sibsp parch fare embarked class who adult_male deck embark_town alive alone 0 0 3 male 22.0 1 0 7.2500 S Third man True NaN Southampton no False
[]:	1 1 1 female 38.0 1 0 71.2833 C First woman False C Cherbourg yes False 2 1 3 female 26.0 0 0 7.9250 S Third woman False NaN Southampton yes False 3 1 1 female 35.0 1 0 53.1000 S First woman False C Southampton yes False 4 0 3 male 35.0 0 0 8.0500 S Third man True NaN Southampton no True
, J;	<pre># Draw boxplot sns.boxplot(x="survived",</pre>
	70 60 50 50 30 20 10
[]:	# Draw boxplot (show mean) sns.boxplot(x="survived", y="age",
	showmeans=True, data=kashti) plt.show(); 80 70 60
	50 80 40 30 20 10 0
[]:	# Draw boxplot (show mean and custom properties for mean using dictionary) sns.boxplot(x="survived",
	"markeredgecolor": "red"}, data=kashti) plt.show(); 80 70 60
	50 8 40 30 20 10
[]:	# Draw boxplot (show labels with different sizes, and font style) sns.boxplot(x="survived",
	<pre>meanprops={"marker": "+",</pre>
	plt.title("Box plot of People survived or not-survived",
	60 (v) 50 (v) 40 (v) 30 20 10 0
	0 People survived
	Vhat is facet wrap and facet grid? • facet wrap - wraps a 1d ribbon of panels into 2d.