

```
df1 = pd.DataFrame(np.random.randn(30,4),
                  columns=list('ABCD'))

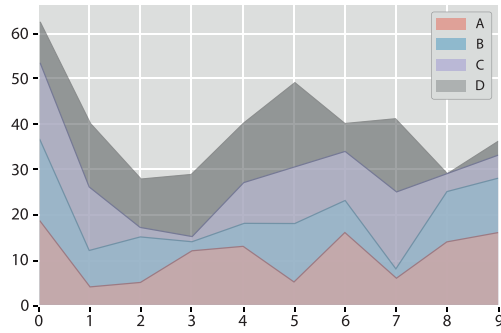
df2 = pd.DataFrame(np.random.randint(0,20,size=(10, 4)),
                  columns=list('ABCD'))

df2["orden"] = ["primero", "primero", "primero",
               "primero", "primero", "segundo",
               "segundo", "segundo", "segundo",
               "segundo"]

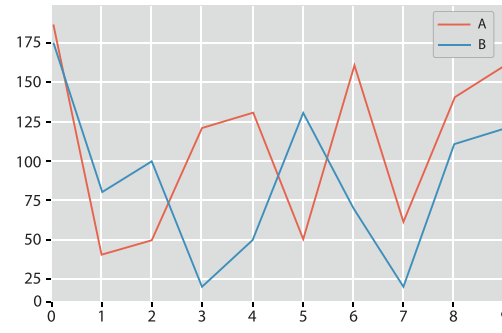
df2["Mes"] = ["Enero", "Febrero", "Marzo", "Abril",
             "Mayo", "Junio", "Julio", "Agosto",
             "Septiembre", "Octubre"]

df3 = pd.DataFrame(np.random.randn(1000, 2),
                  columns=['a', 'b'])
```

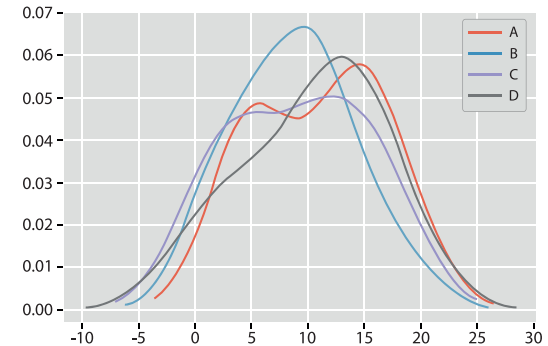
df2.plot.area(alpha=0.4)



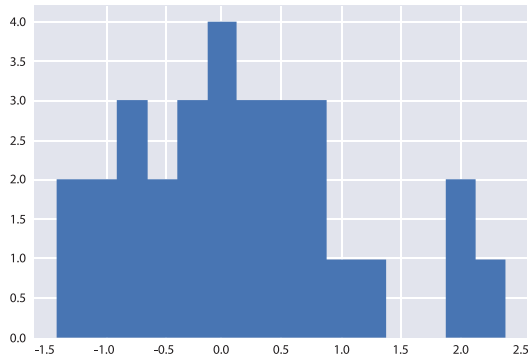
df2.plot.line(y = ['A', 'B'])



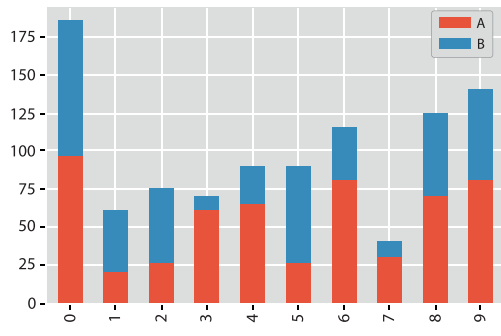
df2.plot.kde()



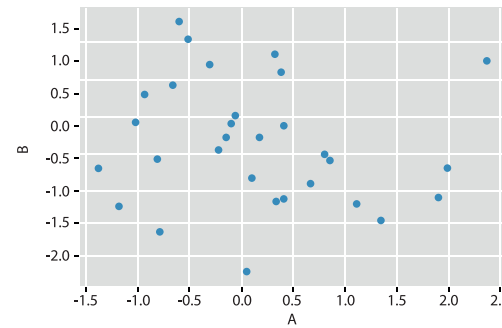
df1.A.hist(bins=15)



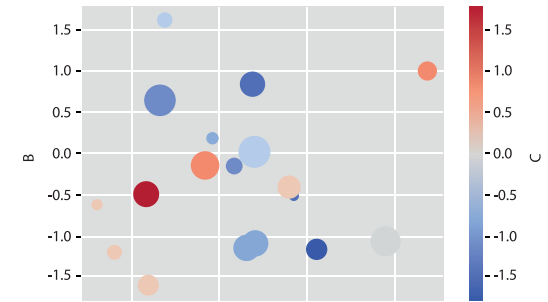
df2[["A","B"]].plot.bar(stacked=True)



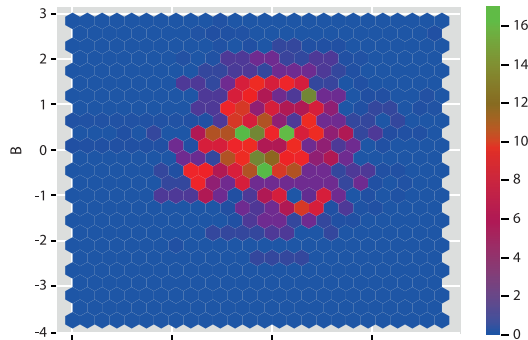
df1.plot.scatter(x="A", y="B")



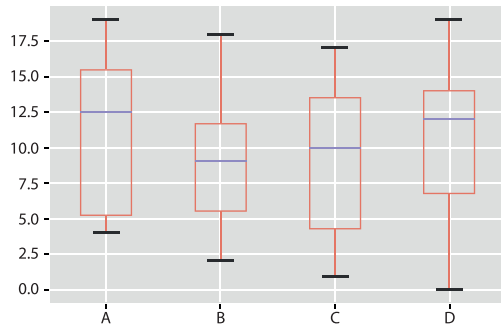
df1.plot.scatter(x="A", y="B", c = "C", cmap='coolwarm', s=df1["D"]*300)



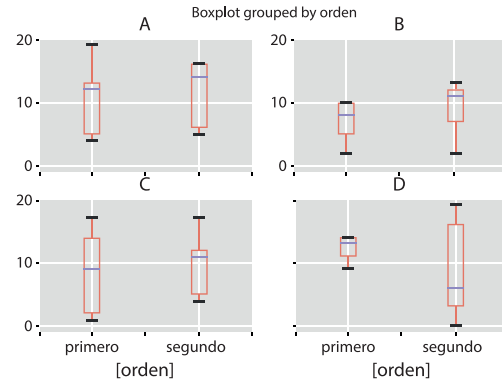
columns=['a', 'b']
df3.plot.hexbin(x='a',y='b',gridsize=25,cmap='brg')



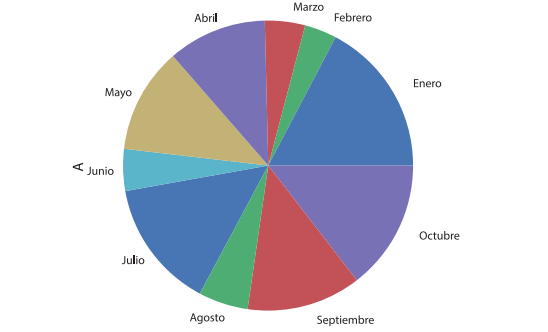
df2.plot.box()



df2.boxplot(by="orden")



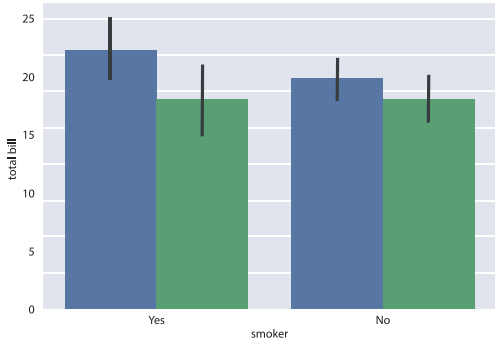
df_2.set_index("Mes",inplace=True)
df_2.A.plot.pie()



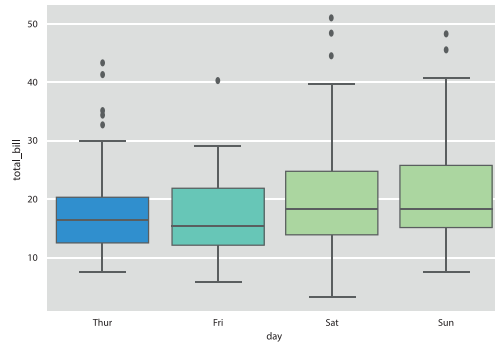
```
import seaborn as sns
tips = sns.load_dataset('tips')
```

	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	3.63	Female	No	Sun	Dinner	4

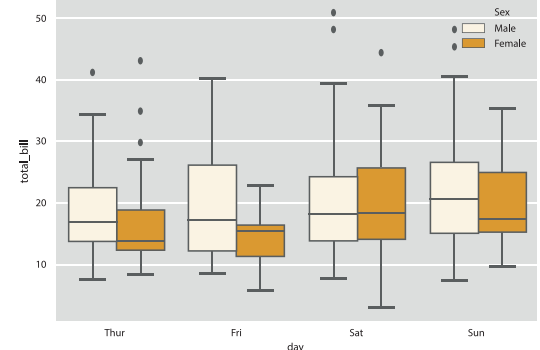
```
sns.barplot(x='smoker', y='total_bill', data=tips, hue='sex')
```



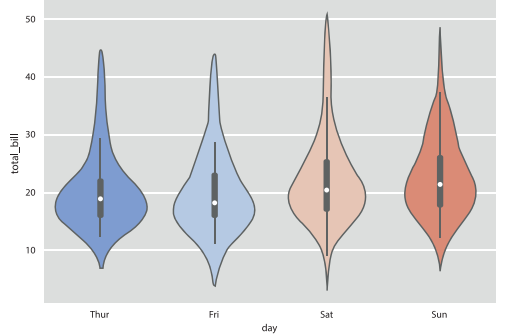
```
sns.boxplot(x='day', y='total_bill', data=tips, palette='rainbow')
```



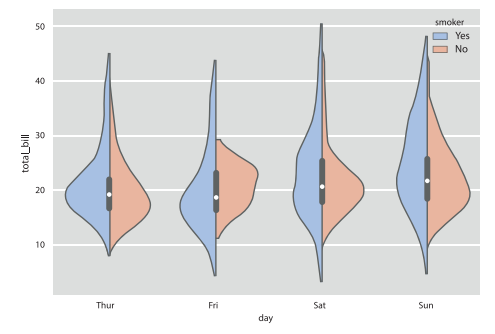
```
sns.boxplot(x='day', y='total_bill', data=tips, hue='sex', color='orange')
```



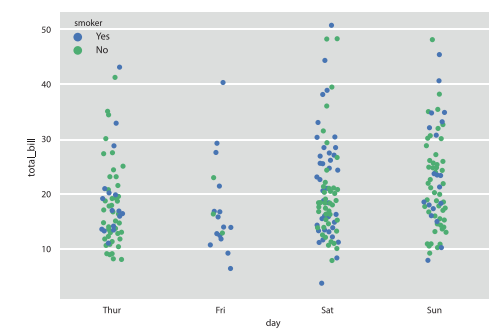
```
sns.violinplot(x='day', y='total_bill', data=tips, palette='coolwarm')
```



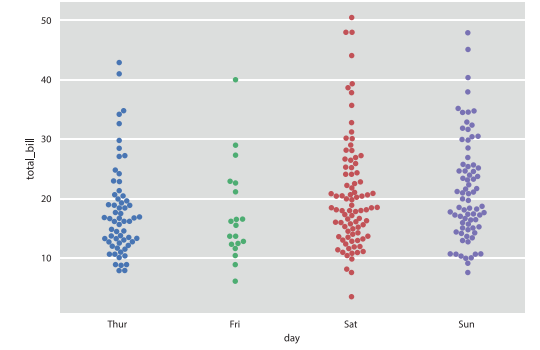
```
sns.violinplot(x='day', y='total_bill', data=tips, palette='coolwarm', hue='smoker', split=True)
```



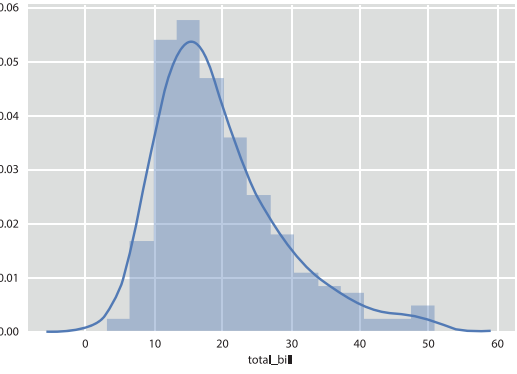
```
sns.stripplot(x='day', y='total_bill', data=tips, hue='smoker')
```



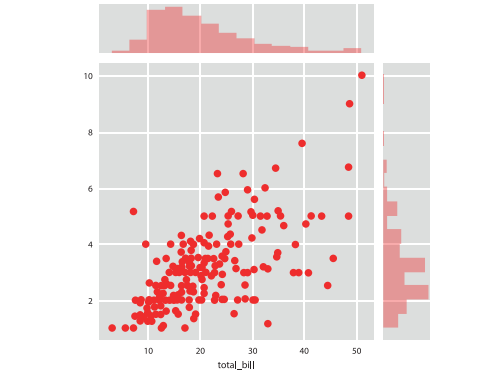
```
sns.swarmplot(x='day', y='total_bill', data=tips)
```



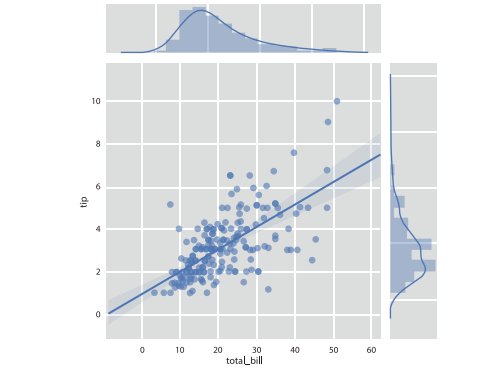
```
sns.distplot(tips['total_bill'])
```



```
sns.jointplot(x='total_bill', y='tip', data=tips, kind='scatter', color='red')
```



```
sns.jointplot(x='total_bill', y='tip', data=tips, kind='reg')
```



```
sns.heatmap(tips.corr(), cmap='coolwarm', annot=True)
```

