from matplotlib.pyplot import show, subplots  
from seaborn import \*  
from pandas import \*  
  
  
def seaborn1():  
 set\_style('darkgrid')  
 log = read\_csv('tips.csv')  
 line = ['total\_bill','tip','size']  
 log2 = log[line]  
 distplot(log2["total\_bill"],kde=True,bins=20)  
 show()  
  
  
def seaborn2():  
 set\_style('darkgrid')  
 log = read\_csv('fandango\_scores.csv')  
 data = DataFrame(log,columns=['IMDB','RT\_norm'])  
 jointplot(x='IMDB',y='RT\_norm',kind='hex',data=data,color='k')  
 show()  
  
def seaborn3():  
 set\_style('darkgrid')  
 log = read\_csv('fandango\_scores.csv',nrows=20)  
 fig,ax1 = subplots(2,2,figsize=(10,10),sharex=True)  
 despine(left=True)  
 violinplot(x='RottenTomatoes\_User', y='RottenTomatoes',data=log,palette='CMRmap', ax=ax1[1, 0])  
 violinplot(x='Metacritic\_User', y='Metacritic', data=log, palette='husl', ax=ax1[0, 0])  
 violinplot(x='IMDB', y='Fandango\_Stars', data=log, palette='husl', ax=ax1[0, 1])  
 violinplot(x='IMDB', y='Fandango\_Ratingvalue', data=log, palette='CMRmap', ax=ax1[1, 1])  
 show()  
  
seaborn3()  
seaborn2()  
seaborn1()



