import seaborn as sb

import pandas as pd

df = sb.load\_dataset('diamonds')

print(df)

#1

df['price'].max()

#2

df['price'].mean()

#3

df['cut'][df['cut']=='Ideal'].count()

#4

df['color'].unique()

#5

df['carat'][df['cut']=='Premium'].median()

#6

df.groupby(['cut'])['carat'].mean()

#7

df.groupby(['color'])['price'].mean()