```
 1 import matplotlib.pyplot as plt
 2 import pandas as pd
 3 import xlrd
 4 import seaborn as sns
 5 import numpy as np
 6 # ---------------------------------------------------------------------
 7 # Step 1: Import the the Data_Set using Pandas (Data_Set_6.csv)
 8
 9 df = pd.read_csv('Data_Set_6.csv')
10 arcade_revenue_cs_doctorates = pd.read_csv('Data_Set_6.csv')
11
12 # ---------------------------------------------------------------------
13 # Step 2: Extract data
14
15 arcade_revenue = arcade_revenue_cs_doctorates['Total Arcade Revenue (billions)'].values
16 cs_doctorates_awarded = arcade_revenue_cs_doctorates['Computer Science Doctorates Awarded (US)'].values
17 year= arcade_revenue_cs_doctorates['Year'].values
18 # ---------------------------------------------------------------------
19 # Step 3: Create a scatter plot showing the relationship between the total revenue earned by arcades ar
20 plt.figure(1)
21 plt.plot(year,arcade_revenue)
22
23 plt.figure(2)
24 plt.plot(year,cs_doctorates_awarded)
25
26 plt.figure(3)
27 plt.scatter(year,arcade_revenue,s=cs_doctorates_awarded)
28
29 plt.show()
30
31
32
```