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 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_4.csv)
 8
 9 hollywood_actor_kills = pd.read_csv('Data_Set_4.csv')
10 # ---------------------------------------------------------------------
11 # Step 2: Extract each variable into separate dummy variables
12
13 actor_names = hollywood_actor_kills['Actor'].values
14 kill_counts = hollywood_actor_kills['Count'].values
15
16 # ---------------------------------------------------------------------
17 # Step 3: Create  bar chart that compares the deadliest actors in Hollywood.
18
19 plt.figure(figsize=(24,9))
20 plt.bar(range(len(kill_counts)), kill_counts, align='center')
21 plt.xticks(range(len(kill_counts)), actor_names, size='small')
22 # ---------------------------------------------------------------------
23 # Step 4:  Sort the actors by their kill count and label each bar with the corresponding actor's name.
24
25 plt.figure(figsize=(24,9))
26 index = sorted(range(len(kill_counts)), key=lambda k: kill_counts[k])
27 kill_counts_sort = np.sort(kill_counts)
28
29 plt.bar(range(len(kill_counts)), kill_counts_sort, align='center')
30 plt.xticks(range(len(kill_counts)), actor_names[index], size='small')
31
32 # ---------------------------------------------------------------------
33 # Step 5:  Sort the actors by their kill count and label each bar with the corresponding actor's name.
34
35 plt.figure(figsize=(24,9))
```

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36 index = sorted(range(len(kill_counts)), key=lambda k: kill_counts[k])
37 index_r = np.flipud(index)
38
39 kill_counts_sort = np.sort(kill_counts)
40 kill_counts_sort_r = np.sort(kill_counts)[::-1]
41
42 plt.bar(range(len(kill_counts_sort_r)), kill_counts_sort_r, align='center')
43 plt.xticks(range(len(kill_counts_sort_r)), actor_names[index_r], size='small')
44 plt.show()
45
46
47
```