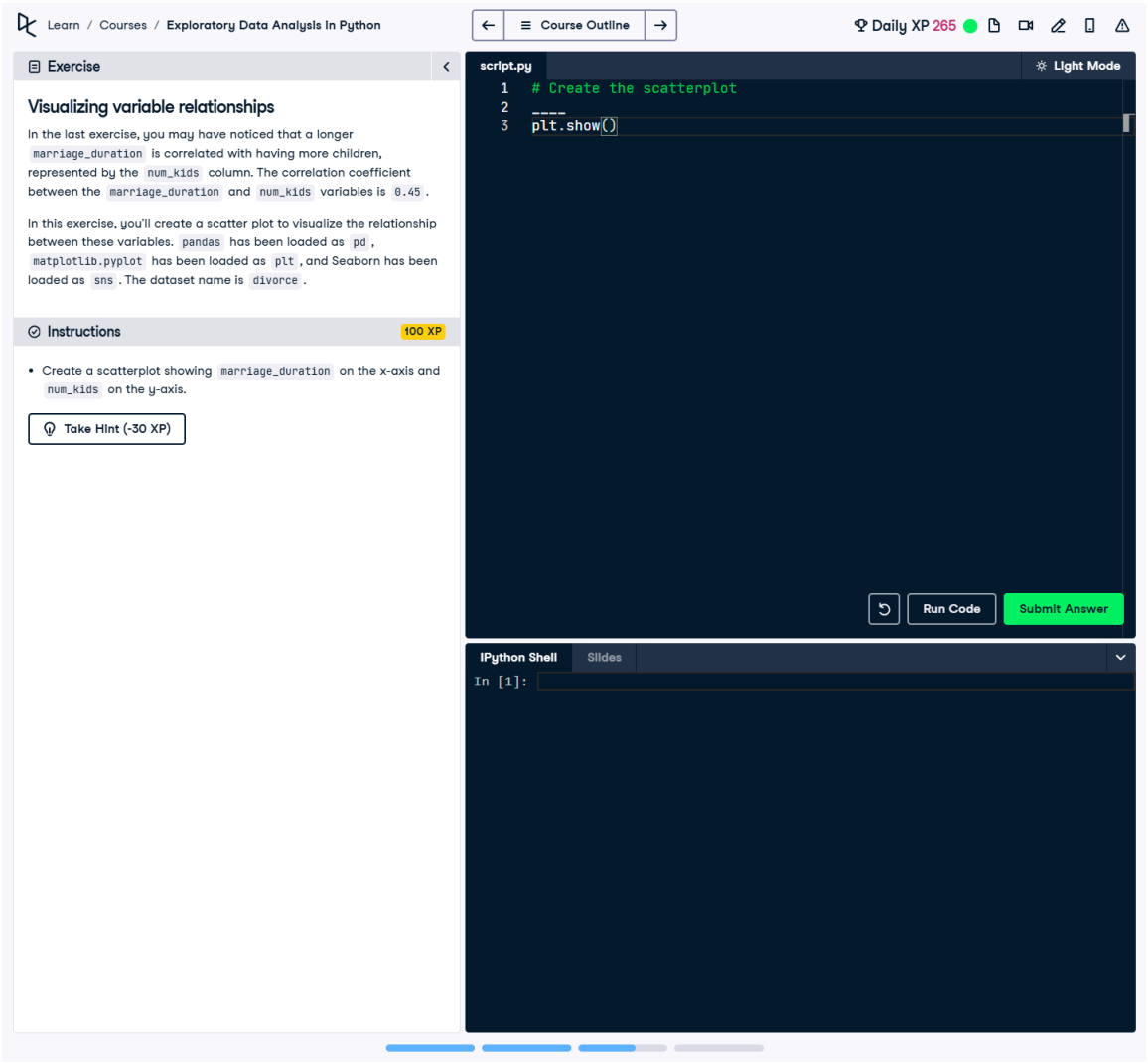
Visualizing Variable Relationships - Updated Scatter Plot



Question

Create a scatter plot showing marriage_duration on the x-axis and num_kids on the y-axis.

Explanation of the Question

This task requires visualizing the relationship between the variables marriage_duration and num_kids in the divorce dataset using a scatter plot. This visualization helps to explore trends and correlations.

Answer

```
# Create the scatter plot
import seaborn as sns
import matplotlib.pyplot as plt

sns.scatterplot(data=divorce, x="marriage_duration", y="num_kids")
plt.title("Marriage Duration vs Number of Kids")
plt.xlabel("Marriage Duration (years)")
plt.ylabel("Number of Kids")
plt.grid(True)
plt.show()
```

Explanation of the Answer

The code utilizes Seaborn's scatterplot function to plot marriage_duration on the x-axis and num_kids on the y-axis. Additional formatting such as titles, axis labels, and gridlines enhance the clarity of the plot.