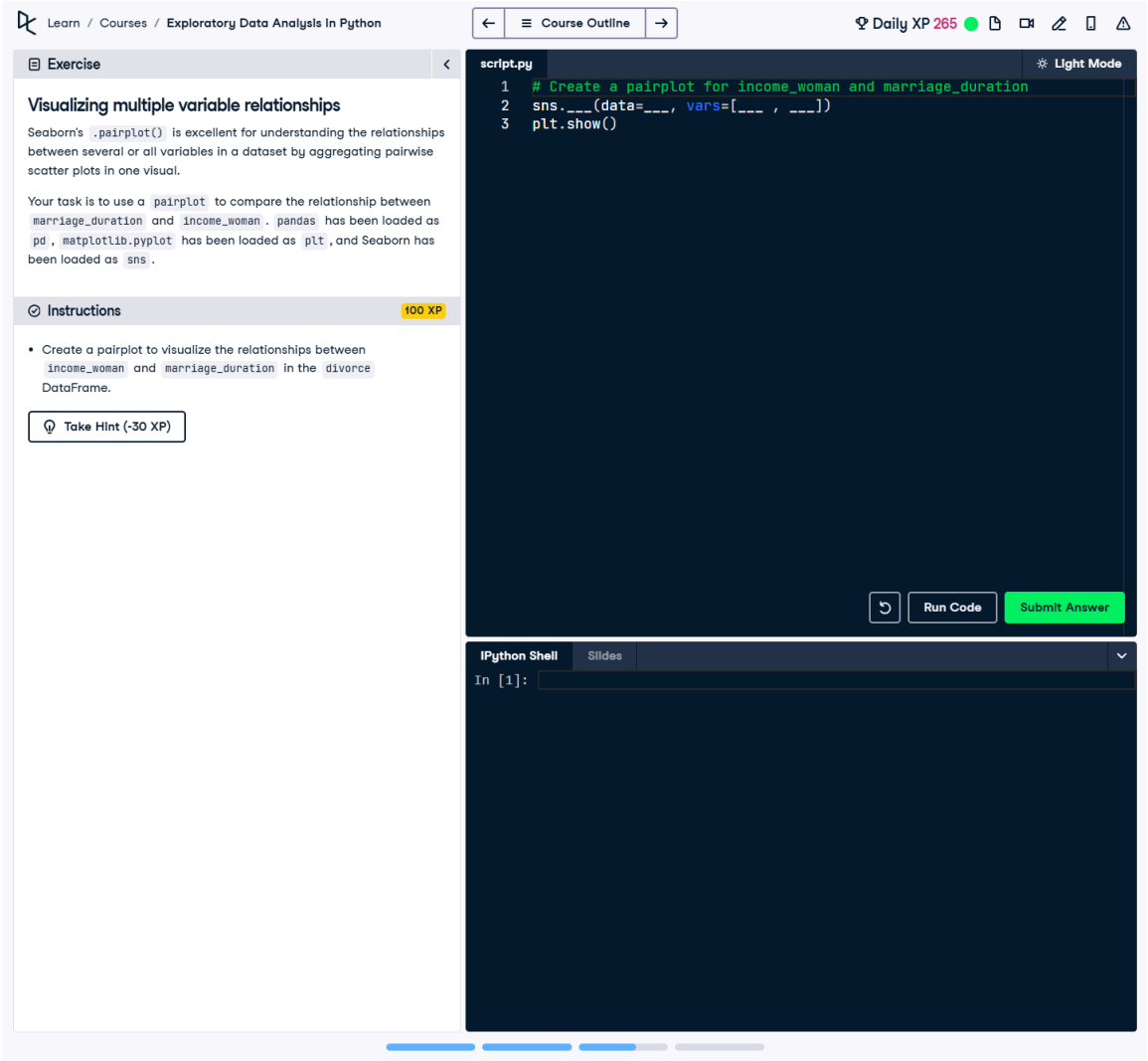
Visualizing Multiple Variable Relationships - Pairplot



Question

Create a pairplot to visualize the relationships between income_woman and marriage_duration in the divorce DataFrame.

Explanation of the Question

This task involves using a pairplot to understand the relationship between income_woman and marriage_duration. Pairplots are useful for visualizing pairwise relationships in a dataset, especially when comparing multiple variables.

Answer

```
# Create a pairplot for income_woman and marriage_duration
import seaborn as sns
import matplotlib.pyplot as plt

sns.pairplot(data=divorce, vars=["income_woman", "marriage_duration"])
plt.show()
```

Explanation of the Answer

The code uses Seaborn's pairplot function to visualize the relationship between income_woman and marriage_duration. By passing these variables to the vars parameter, the pairplot generates scatterplots and histograms to explore trends.