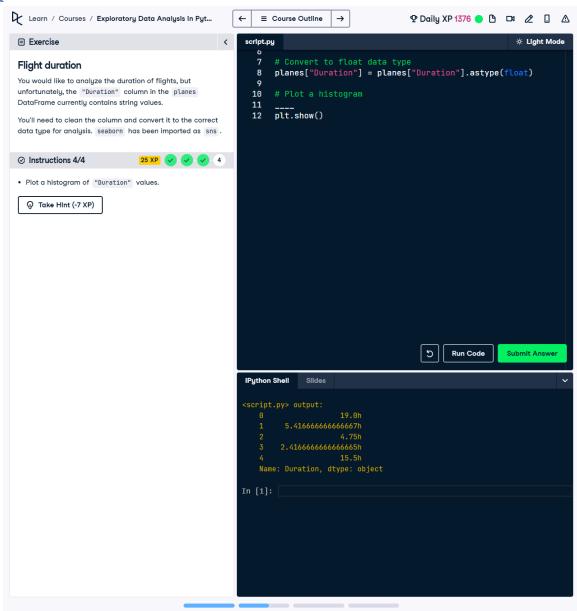
Correcting Flight Duration - Removing 'h' and Plotting Histogram

Question and Screenshot:



Question Explanation:

The task is to visualize the distribution of flight durations using a histogram. Before plotting, the 'Duration' column must be cleaned to remove the 'h' character and converted to a float for analysis.

Code Solution:

```
# Remove the string character "h"
planes["Duration"] = planes["Duration"].str.replace("h", "", regex=False)
# Convert to float data type
planes["Duration"] = planes["Duration"].astype(float)
# Plot a histogram
sns.histplot(data=planes, x="Duration", kde=True)
plt.show()
```

Solution Explanation:

- 1. The `str.replace()` method removes the 'h' character from the 'Duration' column values, making them suitable for conversion.
- 2. The `astype(float)` method converts the cleaned values into a float data type, enabling numerical operations.
- 3. The `sns.histplot()` function plots a histogram, showing the distribution of durations, with `kde=True` adding a smooth density curve.