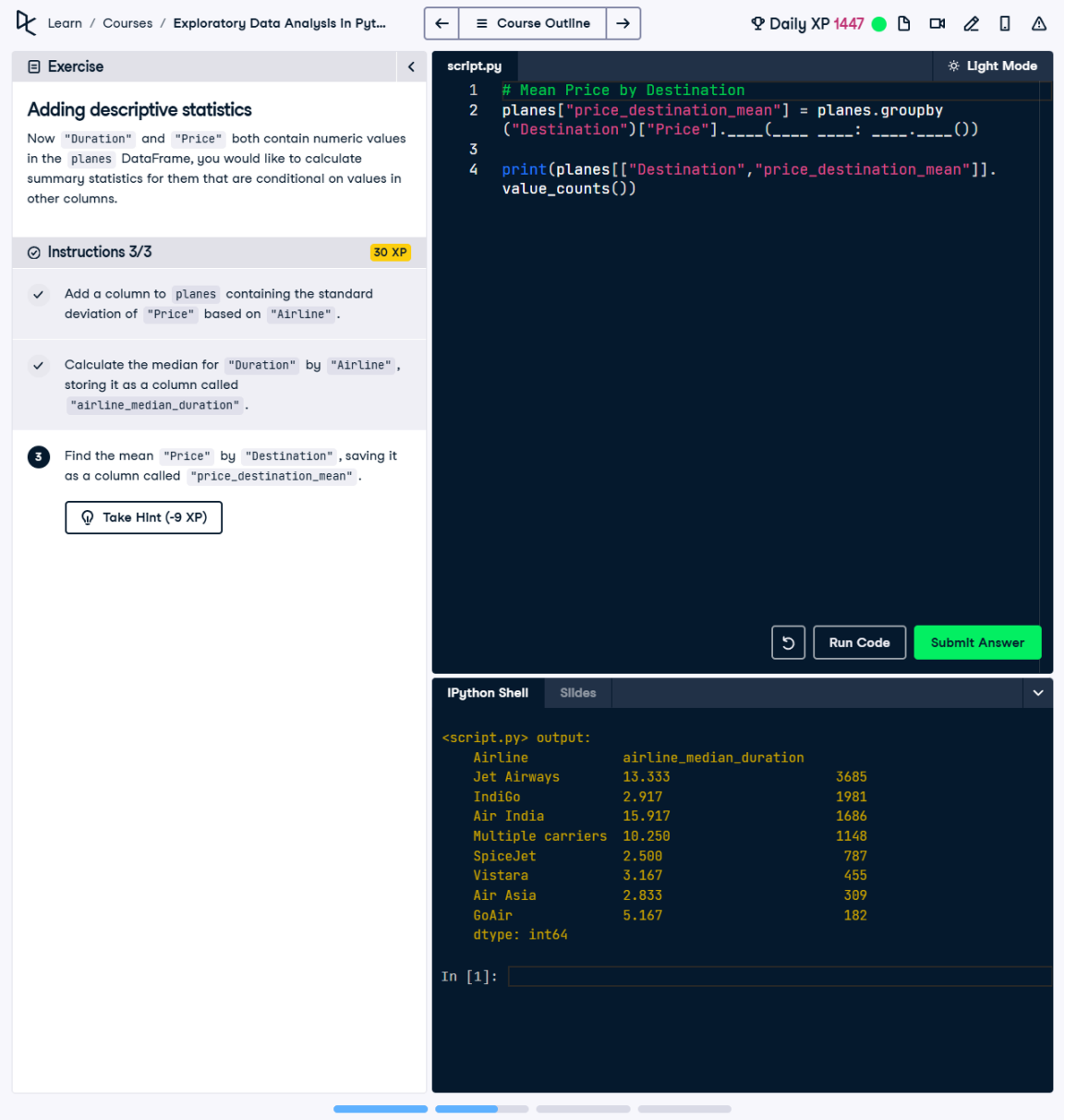
Calculating Mean Price by Destination

Question and Screenshot:



Question Explanation:

This task involves calculating the mean price of flights grouped by their destination in the planes DataFrame. The result is stored in a new column called 'price_destination_mean', and the frequency of unique values is displayed.

Code Solution:

```
# Mean Price by Destination
planes["price_destination_mean"] = planes.groupby("Destination")
["Price"].transform("mean")

# Display the frequency of unique values in the new column
print(planes[["Destination", "price_destination_mean"]].value_counts())
```

Solution Explanation:

1. The `groupby('Destination')` method groups the DataFrame by the 'Destination' column.
2. The `transform('mean')` calculates the mean price of flights for each group.
3. The calculated mean values are stored in a new column called 'price_destination_mean', and the `value_counts()` method displays the frequency of unique destination and mean price combinations.