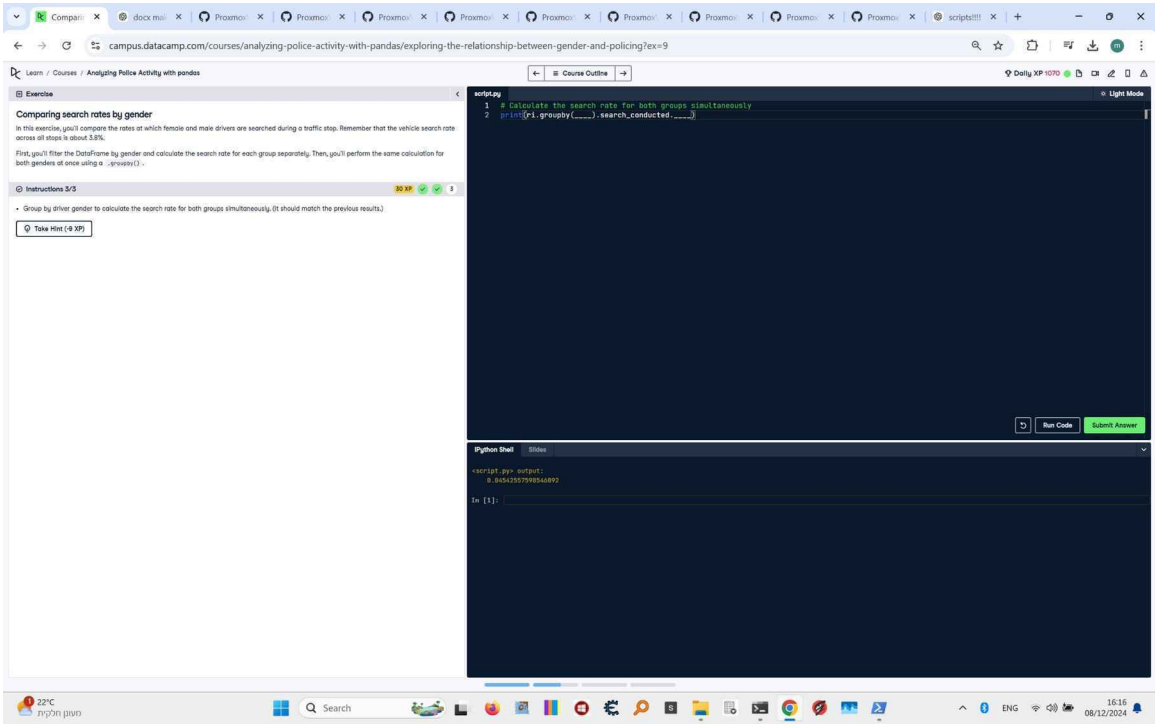
Comparing Search Rates by Gender (Part 3)



Task Description

1. Group by driver gender to calculate the search rate for both groups simultaneously.
2. Verify that the result matches the previously calculated individual rates.

Code Solution

```
# Calculate the search rate for both groups simultaneously
gender_search_rate = ri.groupby('driver_gender')
['search_conducted'].mean()
print(gender_search_rate)
```

Code Explanation

1. The line 'gender_search_rate = ri.groupby('driver_gender')
['search_conducted'].mean()' groups the DataFrame by the 'driver_gender' column and calculates the mean of 'search_conducted' for each group. This provides the search rate for both male and female drivers in one step.
2. The line 'print(gender_search_rate)' outputs the calculated search rates to verify that they match the previously calculated rates for each gender.