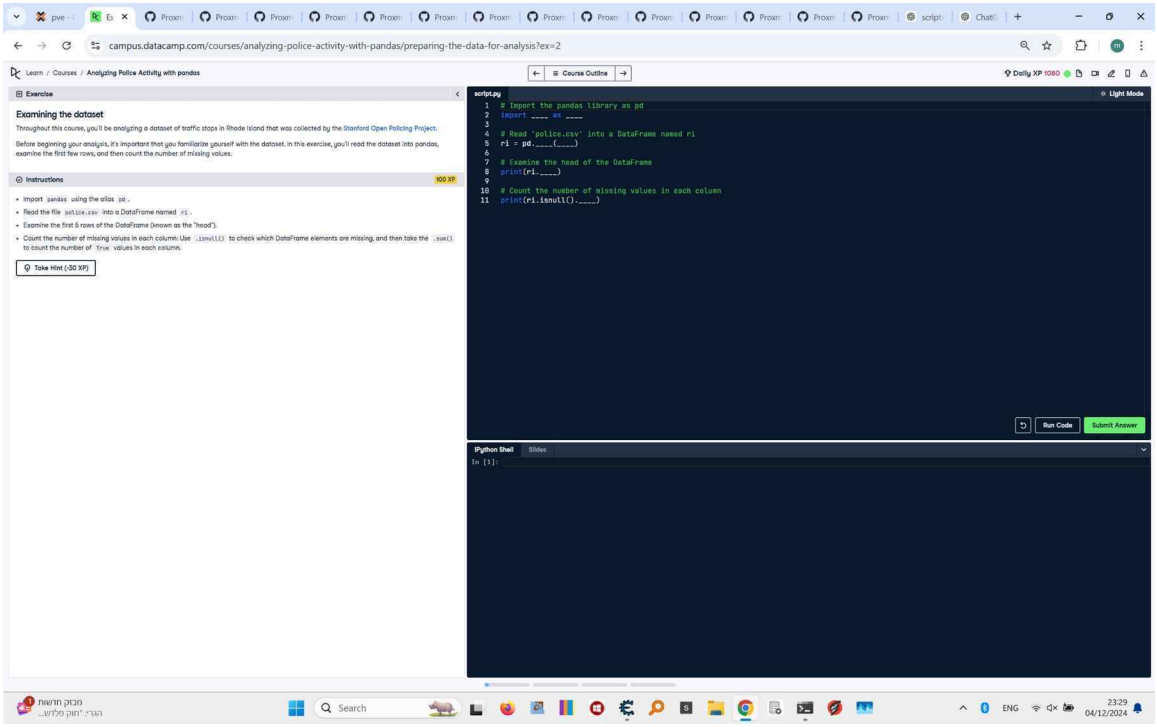
# Examining the Dataset




## Task Description

1. Import pandas using the alias pd.
2. Read the file 'police.csv' into a DataFrame named ri.
3. Examine the first 5 rows of the DataFrame (known as the 'head').
4. Count the number of missing values in each column using .isnull() to check which DataFrame elements are missing, and then take the .sum() to count the number of True values in each column.

## Code Solution

```
# Import the pandas library as pd
import pandas as pd

# Read 'police.csv' into a DataFrame named ri
ri = pd.read_csv('police.csv')

# Examine the head of the DataFrame
print(ri.head())

# Count the number of missing values in each column
print(ri.isnull().sum())
```

## Code Explanation

1. The line 'import pandas as pd' imports the pandas library, which is essential for working with data in tabular format in Python.
2. The line 'ri = pd.read_csv('police.csv')' reads the CSV file named 'police.csv' into a pandas DataFrame called 'ri'. This DataFrame is used to hold and manipulate the data.
3. The line 'print(ri.head())' displays the first five rows of the DataFrame. This is a quick way to inspect the structure and content of the data.
4. The line 'print(ri.isnull().sum())' calculates the number of missing values in each column. The 'isnull()' method identifies missing data, and 'sum()' adds up the missing values for each column.