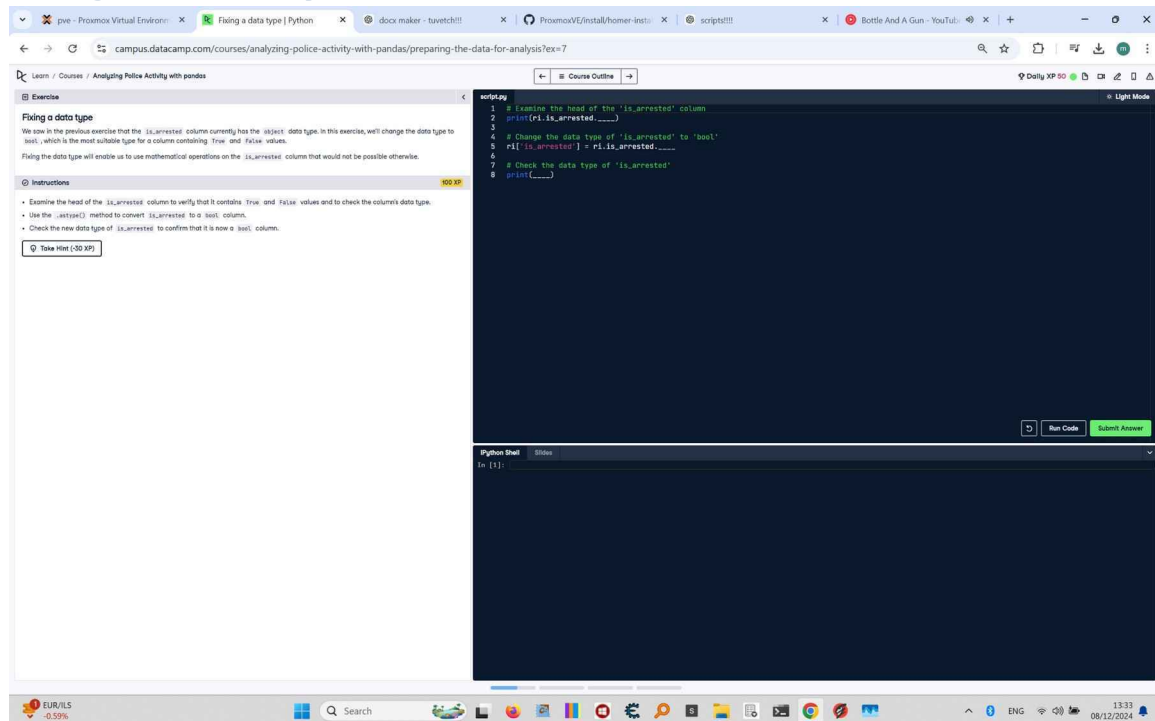


# Fixing a Data Type



## Task Description

1. Examine the head of the 'is\_arrested' column to verify that it contains True and False values and to check the column's data type.
2. Use the `astype()` method to convert 'is\_arrested' to a boolean ('bool') column.
3. Check the new data type of 'is\_arrested' to confirm that it is now a 'bool' column.

## Code Solution

```
# Examine the head of the 'is_arrested' column
print(ri['is_arrested'].head())
```

```
# Change the data type of 'is_arrested' to 'bool'
ri['is_arrested'] = ri['is_arrested'].astype('bool')
```

```
# Check the data type of 'is_arrested'
print(ri['is_arrested'].dtype)
```

## Code Explanation

1. The line `'print(ri['is_arrested'].head())'` displays the first five entries of the 'is\_arrested' column. This helps confirm that it contains True and False values and allows verification of its current data type.

2. The line `ri['is_arrested'] = ri['is_arrested'].astype('bool')` converts the 'is\_arrested' column to the boolean data type. This change allows efficient storage and processing of the binary True/False values.
3. The line `print(ri['is_arrested'].dtype)` prints the new data type of the 'is\_arrested' column, verifying that the conversion was successful.