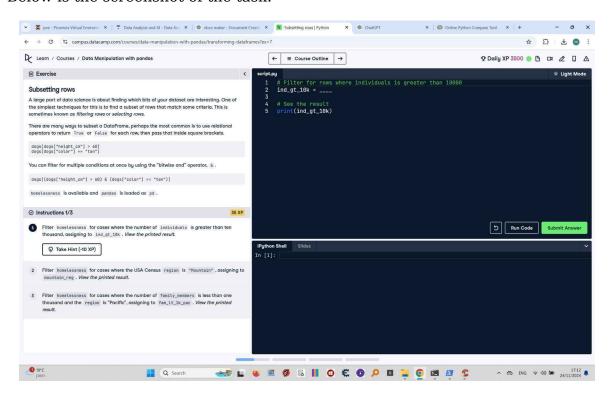
# **Subsetting Rows - Individuals Greater Than 10,000**

This document includes the question, the solution, and a breakdown of the code provided in the screenshot.

### **Uploaded Screenshot**

Below is the screenshot of the task:



### **Question**

Filter `homelessness` for cases where the number of `individuals` is greater than ten thousand, assigning the result to `ind\_gt\_10k`. View the printed result.

#### **Answer**

# Filter for rows where individuals is greater than 10000  $ind_gt_10k = homelessness[homelessness["individuals"] > 10000]$ 

# See the result print(ind gt 10k)

# **Code Explanation**

# Explanation of the code:

- 1. `homelessness["individuals"] > 10000`: This creates a boolean mask, where each row evaluates to `True` if the value in the `individuals` column is greater than 10,000, and `False` otherwise.
- 2. `homelessness[homelessness["individuals"] > 10000]`: Filters the `homelessness` DataFrame by keeping only rows where the mask is `True`.
- 3. `ind gt 10k`: Stores the filtered DataFrame for further use.
- 4. `print(ind\_gt\_10k)`: Prints the resulting DataFrame to verify the filter.