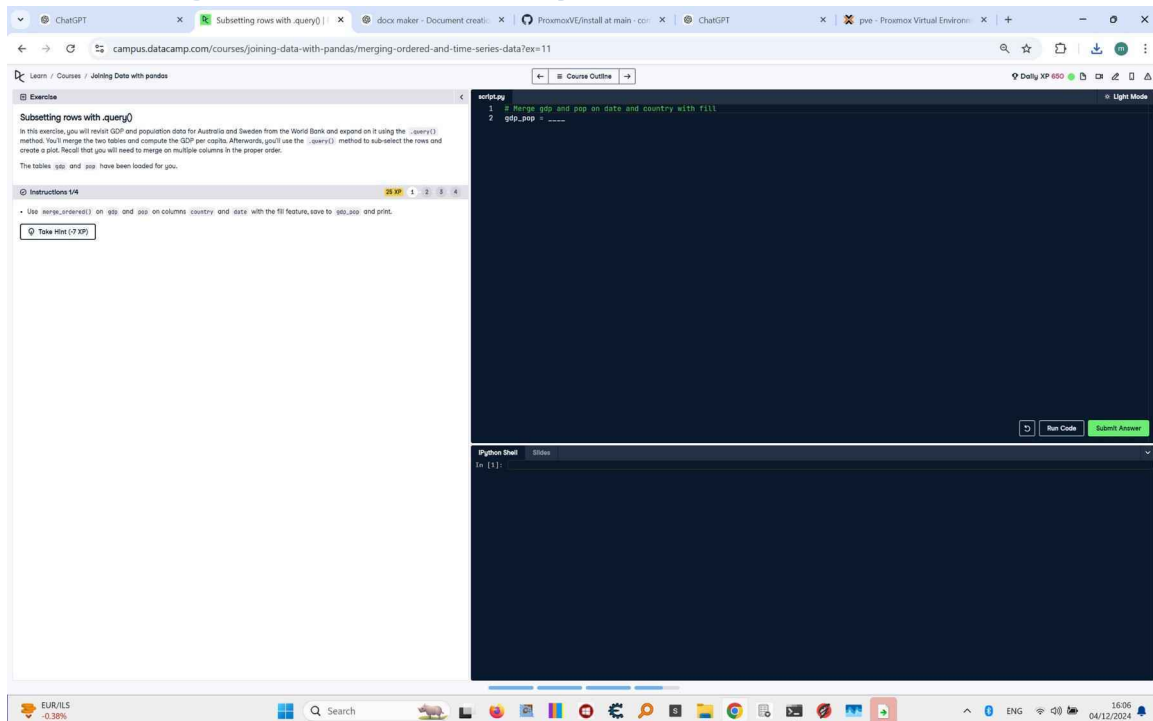


Subsetting rows with .query() - Corrected



The screenshot shows a web browser window with multiple tabs. The active tab is 'campus.datacamp.com/courses/joining-data-with-pandas/merging-ordered-and-time-series-data?ex=11'. The page content is for an exercise titled 'Subsetting rows with .query()'. The instructions state: 'In this exercise, you will merge GDP and population data for Australia and Sweden from the World Bank and expand on it using the .query() method. You'll merge the two tables and compute the GDP per capita. Afterwards, you'll use the .query() method to sub-select the rows and create a plot. Recall that you will need to merge on multiple columns in the proper order. The tables gdp and pop have been loaded for you.'

Below the instructions, there is a 'Take hint' button and a 'Take hint (7 XP)' button. To the right, there is a code editor with a dark background. The code in the editor is:

```
1 # Merge gdp and pop on date and country with fill
2 gdp_pop = ----
```

At the bottom of the code editor, there are 'Run Code' and 'Submit Answer' buttons. Below the code editor, there is a 'Python Shell' window showing an empty list: `len: []`.

Question:

In this exercise, you will evaluate GDP and population data for Australia and Sweden from the World Bank and expand on it using the `.query()` method. You'll merge the two tables and compute the GDP per capita. Afterwards, you'll use the `.query()` method to sub-select the rows and create a plot. Recall that you will need to merge on multiple columns in the proper order.

Answer:

```
# Merge gdp and pop on date and country with fill
# Example of using merge_ordered with on and fill_method
gdp_pop = pd.merge_ordered(
    gdp, pop,
    on=['country', 'date'],
    fill_method='ffill'
)

# Print the resulting DataFrame
print(gdp_pop)
```