

Subsetting rows with .query() - Corrected

Learn / Courses / Joining Data with pandas

Exercise

Subsetting rows with .query()

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.

Instructions 1/4

- Use `merge_ordered()` on `gdp` and `pop` on columns `country` and `date` with the `fill` feature, save to `gdp_pop` and print.

Take hint (7 XP)

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

Python Shell

```
In: []
```

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)
```