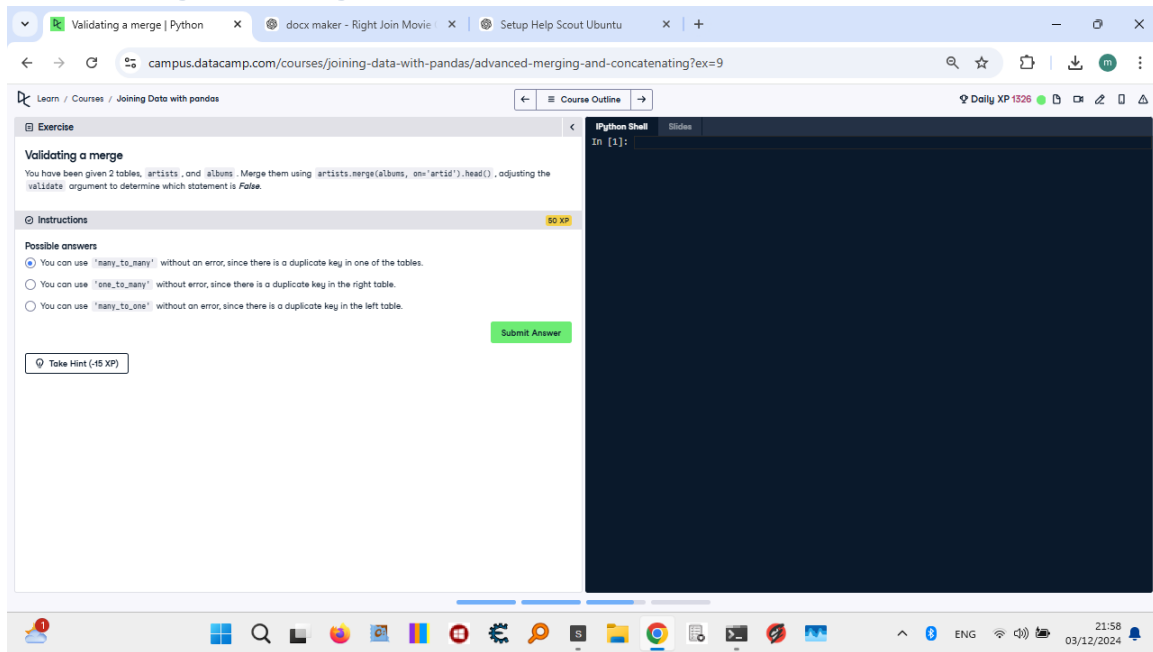


Validating a Merge in Pandas



Screenshot showing the exercise context for validating a merge in pandas.

Correct Answer:

The correct answer is:

"You can use 'many_to_one' without an error, since there is a duplicate key in the left table."

Explanation:

The 'validate' parameter in pandas' merge function ensures that the merge type specified aligns with the actual data.

- 'many_to_one' allows duplicate keys in the left table, while the right table must have unique keys.
- 'one_to_many' requires unique keys in the left table and allows duplicates in the right table.
- 'many_to_many' allows duplicates in both tables.

Given that there is a duplicate key in the left table and the right table has unique keys, 'many_to_one' is the appropriate validation option.