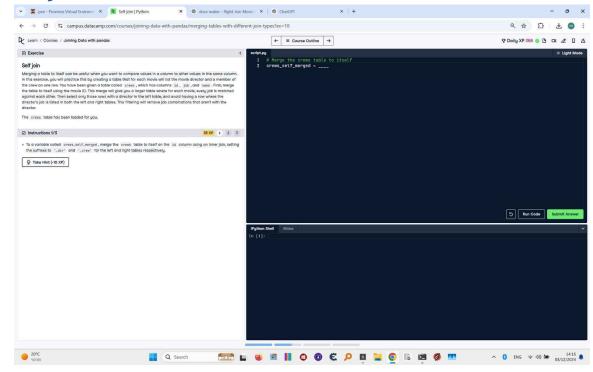
Self Join - Final Correct Solution



Screenshot showing the exercise context for performing a self join on the crews table.

Code Answer:

Explanation:

1. The `merge` function performs a self join on the 'crews' table by joining it to itself using the 'id' column. The `how='inner'` parameter ensures that only rows with matching 'id' values in both tables are included. The

- `suffixes=('_dir', '_crew')` parameter is used to distinguish between columns from the left and right tables, representing directors and crew members respectively.
- 2. A Boolean filter is created to select rows where the 'job_dir' column is 'Director' and the 'job_crew' column is not 'Director'. This ensures that only valid combinations of directors and crew members are included.
- 3. The resulting DataFrame is filtered using the Boolean index to produce 'direct_crews', which contains the desired pairs of directors and their corresponding crew members.
- 4. Finally, the resulting DataFrame is printed to verify that only valid combinations of directors and crew members remain.