Problem 2888: Reshape Data: Concatenate

Problem Information

Difficulty: Easy
Acceptance Rate: 0.00%
Paid Only: No

Problem Description

DataFrame

df1

+-------------+--------+ | Column Name | Type | +-------------+--------+ | student_id | int | | name | object | | age | int | +-------------+--------+

DataFrame

df2

+-------------+--------+ | Column Name | Type | +-------------+--------+ | student_id | int | | name | object | | age | int | +-------------+--------+

Write a solution to concatenate these two DataFrames

vertically

into one DataFrame.

The result format is in the following example.

Example 1:

Input: df1

+------------+---------+-----+ | student_id | name | age | +------------+---------+-----+ | 1 | Mason | 8 | | 2 | Ava | 6 | | 3 | Taylor | 15 | | 4 | Georgia | 17 | +------------+---------+-----+

df2

+------------+------+-----+ | student_id | name | age | +------------+------+-----+ | 5 | Leo | 7 | | 6 | Alex | 7 | +------------+------+-----+

Output:

+------------+---------+-----+ | student_id | name | age | +------------+---------+-----+ | 1 | Mason | 8 | | 2 | Ava | 6 | | 3 | Taylor | 15 | | 4 | Georgia | 17 | | 5 | Leo | 7 | | 6 | Alex | 7 | +------------+---------+-----+

Explanation:

The two DataFramess are stacked vertically, and their rows are combined.

Code Snippets

Pandas:

```
import pandas as pd

def concatenateTables(df1: pd.DataFrame, df2: pd.DataFrame) -> pd.DataFrame:
```

Solutions

Pandas Solution:

```
import pandas as pd

def concatenateTables(df1: pd.DataFrame, df2: pd.DataFrame) -> pd.DataFrame:
```