Login Table

A company stores login data and password hashes in two different containers:

- *DataFrame* with columns: *Id*, *Login*, *Verified*.
- Two-dimensional *NumPy array* where each element is an array that contains: *Id* and *Password*.

Elements on the same row/index have the same *Id*.

Implement the function *login_table* that accepts these two containers and **modifies *id_name_verified* DataFrame in-place**, so that:

- The *Verified* column should be removed.
- The password from *NumPy array* should be added as the last column with the name "*Password*" to *DataFrame*.

For example, the following code snippet:

```
id_name_verified = pd.DataFrame([[1, "JohnDoe", True], [2, "AnnFranklin", False]], columns=
["Id", "Login", "Verified"])
id_password = np.array([[1, 987340123], [2, 187031122]], np.int32)
login_table(id_name_verified, id_password)
print(id_name_verified)
```

Should print:

```
   Id        Login   Password
0   1      JohnDoe  987340123
1   2  AnnFranklin  187031122
```

Python 3.7.4, Pandas 0.25.1, Numpy 1.16.5, Scipy 1.3.1, Scikit-learn 0.21.3 ❓   Copy to IDE   Show starting code ⎘

```
1  import pandas as pd

2  import numpy as np

3

4 ▾ def login_table(id_name_verified, id_password):

5        """

6        :param id_name_verified: (DataFrame) DataFrame with columns: Id, Login, Verified.

7 ▾      :param id_password: (numpy.array) Two-dimensional NumPy array where each element

8                            is an array that contains: Id and Password

9 ▾      
```

Run

Output   Tests: 4 pass 0 fail   Chat with us!

- ✓ Example case: Correct answer ❓
- ✓ Column Verified is removed: Correct answer ❓
- ✓ Column Password is appended: Correct answer ❓
- ✓ Various DataFrames: Correct answer ❓

Your score is 100%, perfect!

Competition is fun! Especially when you know you'll win. :)   Challenge friends to match your score ▾

Use this question for your test (/sign-up?SignUpType=FromQuestion&QuestionId=41454)

<< Previous

Next >> (/questions/python-data-science/marketing-costs/41455?visibility=1&skillId=839&orderBy=QuestionType)

Back to questions (/questions?visibility=1&skillId=839&orderBy=QuestionType&orderByAscending=True)

Tags

`PYTHON DATA SCIENCE` () `PANDAS` () `PUBLIC` () `NEW` ()

Difficulty: Easy

Duration: 15min

Author: Josip Kremenić ⧉

Score Distribution

Not enough data for chart

Would you like to see our other questions?

We have 750+ premium hand-crafted questions for 50+ job skills and 15+ coding language. We prefer questions with small samples of actual work over academic problems or brain teasers.

Visit our question library (/questions)

Private Concierge

Send us an email with an explanation of your testing needs and a list of candidates. We will create an appropriate test, invite your candidates, review their results, and send you a detailed report.

Chat with us!

Contact Private Concierge (/contact-us)

Would you like to see our tests? The following tests contain Python Data Science related questions:

Data Science Test (/tests/data-science-test/65)

General and Python Data Science, and SQL Online Test (/tests/data-science-sql-online-test/117)

General and Python Data Science, Python, and SQL Online Test (/tests/general-python-data-science-python-sql-online-test/140)

On the TestDome Blog

(https://blog.testdome.com/screening-applicants-good-bad-ugly/)

Screening Applicants: The Good, the Bad and the Ugly (https://blog.testdome.com/screening-applicants-good-bad-ugly/)

Since we're all biased and we use incorrect proxies, why not just outsource hiring to experts or recruitment agencies? After all, they've been screening people for many years, so they must know how to do it right?

Not really. I was surprised to discover that many experts disagree with each other. Everybody praises their pet method and criticizes the others. Many of these methods look legitimate, but are based on...

Read more (https://blog.testdome.com/screening-applicants-good-bad-ugly/)

EXPLORE   Home (https://www.testdome.com)   Tour (/tour)   Tests (/tests)   Questions (/questions)   **Back to Top**

Pricing (/pricing)   Blog (https://blog.testdome.com/)   Book (/evidence-based-hiring)

For Jobseekers (/for-jobseekers)   Sign in (/sign-in)

LEGAL   Terms of Use (/legal/terms-of-use)   Privacy Policy (/legal/privacy-policy)   Contact Us (/contact-us)

© TestDome

Chat with us!