

Updating Data Type to DateTime - marriage_date

Learn / Courses / Exploratory Data Analysis in Python

← Course Outline →

Daily XP 2010

Exercise

Updating data type to DateTime

Now, the `divorce` DataFrame has been loaded for you, but one column is stored as a string that should be DateTime data. Which one is it? Once you've identified the column, you'll update it so that you can explore it more closely in the next exercise.

`pandas` has been imported as `pd`.

Instructions 2/2 50 XP ✓ 2

- Convert the `marriage_date` column of the `divorce` DataFrame to `DateTime` values.

Take Hint (-15 XP)

script.py

Light Mode

```
1 # Convert the marriage_date column to DateTime values
2 divorce["marriage_date"] = ----
```

↺ Run Code Submit Answer

IPython Shell

Slides

In [1]:

Question

Convert the `marriage_date` column of the `divorce` DataFrame to DateTime values.

Explanation of the Question

The task is to convert the `marriage_date` column, which is currently stored as a string, to a DateTime format. This ensures that the data is correctly formatted for time-based operations.

Answer

```
# Convert the marriage_date column to DateTime values
```

```
import pandas as pd

# Assuming the DataFrame is already loaded
divorce['marriage_date'] = pd.to_datetime(divorce['marriage_date'])

# Verify the updated data type
print(divorce.dtypes)
```

Explanation of the Answer

The code uses pandas' `to_datetime` function to convert the 'marriage_date' column from a string to a `DateTime` format. This transformation allows for accurate and efficient time-based computations. Printing the data types confirms the conversion.