

# Updating Data Type to DateTime

Learn / Courses / Exploratory Data Analysis in Python

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Daily XP 1960

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 1/2 50 XP 1 2

### Question

Which of the columns in the `divorce` DataFrame has not been updated to a DateTime data type but should be?

**Possible answers**

☒ `divorce_date`

☐ `marriage_date`

☐ `education_woman`

☐ `num_kids`

Submit Answer

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script.py

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Light Mode

Run Code

IPython Shell

Slides

In [1]:

## Question

Which of the columns in the `divorce` DataFrame has not been updated to a DateTime data type but should be?

Possible answers:

- `divorce_date`
- `marriage_date`
- `education_woman`
- `num_kids`

## Explanation of the Question

The task is to identify which column is still stored as a string but should be converted to DateTime format for proper handling and analysis.

## Correct Answer

```
# Correct answer: marriage_date
```

```
# To update the column to DateTime in pandas, use the following code:  
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 column 'marriage\_date' has not been converted to DateTime format. The provided code uses pandas' `to\_datetime` method to update the column, ensuring accurate time-based analysis. Printing the data types after the update confirms the successful conversion.