





Mon: The doctor's appointment is at 2:45pm.

Tue: The dentist's appointment is at 11:30 am.

Out[9]: 0

```
2 Wed: At 7:00pm, there is a basketball game!
3 Thu: Be back home by 11:15 pm at the latest.
4 Fri: Take the train at 08:10 am, arrive at 09:...
Name: text, dtype: object
In [10]: # create new columns from first match of extracted groups
df['text'].str.extract(r'(\d?\d):(\d\d)')
             /opt/conda/lib/python3.6/site-packages/ipykernel_launcher.py:2: FutureWarning: currently extract(expand=None) means expand=Fals e (return Index/Series/DataFrame) but in a future version of pandas this will be changed to expand=True (return DataFrame)
Out[10]:
             0 2 45
              1 11 30
             2 7 00
              3 11 15
             4 08 10
In [11]: # extract the entire time, the hours, the minutes, and the period df['text'].str.extractall(r'((\d^d):(\d^d)?([ap]m))')
Out[11]:
                   0 1 2 3
                 match
              0 0 2:45pm 2 45 pm
                    0 11:30 am 11 30 am
             2 0 7:00pm 7 00 pm
             3 0 11:15 pm 11 15 pm
              4 0 08:10 am 08 10 am
                      1 09:00am 09 00 am
Out[12]:
                        time hour minute period
                 match
                    0 2:45pm 2 45 pm
                     0 11:30 am 11
                                               30
                                                        am
             2 0 7:00pm 7 00 pm

        3
        0
        11:15 pm
        11
        15
        pm

        4
        0
        08:10 am
        08
        10
        am

        1
        09:00am
        09
        00
        am

 In [ ]:
```