

2. 'Bill\_Month\_num' and 'Date\_In\_num' are both integers but don't match. *Example:* `charges.iloc[399]`

```
In [56]: 1 charges[['Bill_Month_num', 'Date_In_num']].iloc[399]
```

```
Out[56]: Bill_Month_num    10  
Date_In_num           2  
Name: 399, dtype: object
```

The rows where the 'Billing Month' does NOT match the 'Date In' month are those in which the the 'Billing Month' either isn't reflecting the month of the **most recent** 'Date In' or is just straight-up incorrect!

It would obviously take additional research to figure out why some of the 'Bill\_Month\_num' rows contained nulls (i.e. '?').

```
In [57]: 1 non_match[non_match['Billing Month'] != '?']
```

```
Out[57]:
```

	Billing Month	Bill_Month_num	Date In - 1	Date In - 2	Date_In_num
180	November	11	2/20/17	NaN	2
224	May	5	8/4/16	NaN	8
399	October	10	2/5/17	10/16/17	2
565	March	3	2/19/16	3/18/16	2
860	May	5	6/2/17	NaN	6
1115	October	10	2/17/18	10/29/18	2
1189	November	11	7/14/17	NaN	7
1761	November	11	?	NaN	?
1926	December	12	11/9/15	12/8/16	11
2053	December	12	2/23/14	12/20/16	2
2058	July	7	1/19/15	7/16/15	1
2165	February	2	12/16/14	2/26/14	12
2176	June	6	4/2/15	5/13/15	4

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