```
In [5]:
          import datetime as dt
          import numpy as np
          import pandas as pd
          import seaborn as sns
          import os
          import re
         file_path = "../data/budownictwo_mieszkaniowe_w_okresie_styczen-pazdziern
          os.path.isfile(file path)
 Out[6]: True
 In [7]: | tdf = pd.read excel(file path)
          tdf.to csv("../data/temp deweloperzy.csv")
 In [8]:
          df = pd.read_excel(file_path, header=1)
          df = df.iloc[12:]
          df = df.iloc[:-1]
          df.head()
 Out[8]:
                                                         I-V
                                                                             I-VIII
               Unnamed: 0
                               I
                                    I-II
                                           I-III
                                                 I-IV
                                                                I-VI
                                                                      I-VII
                                                                                     I-IX
          12
                           1993
                      NaN
                                   NaN
                                          NaN
                                                 NaN
                                                        NaN
                                                               NaN
                                                                      NaN
                                                                             NaN
                                                                                     NaN
          13
                  OGÓŁEM
                           8513 15456
                                        22266
                                               28231
                                                      34213
                                                              42060
                                                                     49665
                                                                            56195
                                                                                   62092
                                                                                          68
              indywidualne
                          1906
                                         5601
                                                7427
                                                              12931
                                                                     14834
                                                                            17080
                                                                                   19501
                                                                                          22
          14
                                  3724
                                                        9341
               sprzedaż lub
          15
                              3
                                    18
                                           87
                                                 108
                                                         113
                                                                199
                                                                       229
                                                                              265
                                                                                     310
                  wynajem
          16
               spółdzielcze 5634 10041
                                       14169
                                               17849
                                                      21327
                                                             24796 29403
          Możemy użyć metody stepwise selection z pakietu dmba.
 In [9]:
          df.head()
 Out[9]:
               Unnamed: 0
                               Ī
                                    1-11
                                           1-111
                                                 I-IV
                                                         I-V
                                                                I-VI
                                                                      I-VII
                                                                             I-VIII
                                                                                     I-IX
          12
                      NaN 1993
                                                                                           NaN
                                          NaN
                                                 NaN
                                                        NaN
                                                               NaN
                                                                      NaN
                                                                             NaN
                                                                                     NaN
          13
                  OGÓŁEM 8513 15456
                                        22266
                                               28231
                                                      34213
                                                             42060
                                                                    49665
                                                                            56195
                                                                                   62092
                                                                                          68
              indywidualne 1906
                                  3724
                                         5601
                                                7427
                                                        9341
                                                              12931
                                                                     14834
                                                                            17080
                                                                                   19501
          14
               sprzedaż lub
          15
                              3
                                    18
                                           87
                                                 108
                                                         113
                                                                199
                                                                       229
                                                                              265
                                                                                     310
                  wynajem
          16
               spółdzielcze 5634 10041
                                        14169
                                               17849
                                                      21327
                                                             24796 29403
                                                                           33037
                                                                                   35895 39
In [10]: | df['year'] = None
          df
```

| Out[10]: | Unnamed: 0              | - 1   | I-II  | 1-111 | I-IV  | I-V   | I-VI  | I-VII  | I-VIII | I-I   |
|----------|-------------------------|-------|-------|-------|-------|-------|-------|--------|--------|-------|
| 12       | NaN                     | 1993  | NaN   | NaN   | NaN   | NaN   | NaN   | NaN    | NaN    | Na    |
| 13       | OGÓŁEM                  | 8513  | 15456 | 22266 | 28231 | 34213 | 42060 | 49665  | 56195  | 6209  |
| 14       | indywidualne            | 1906  | 3724  | 5601  | 7427  | 9341  | 12931 | 14834  | 17080  | 1950  |
| 15       | sprzedaż lub<br>wynajem | 3     | 18    | 87    | 108   | 113   | 199   | 229    | 265    | 31    |
| 16       | spółdzielcze            | 5634  | 10041 | 14169 | 17849 | 21327 | 24796 | 29403  | 33037  | 3589  |
| •••      |                         |       |       |       |       |       |       |        |        |       |
| 199      | OGÓŁEM                  | 14909 | 31011 | 48286 | 64243 | 79164 | 95615 | 114244 | 128830 | 14541 |
| 200      | indywidualne            | 6165  | 12027 | 18087 | 24016 | 29257 | 34660 | 40870  | 46332  | 5163  |
| 201      | sprzedaż lub<br>wynajem | 8312  | 18232 | 29106 | 38768 | 48053 | 58662 | 70067  | 78514  | 8960  |
| 202      | spółdzielcze            | 36    | 36    | 56    | 119   | 180   | 300   | 840    | 840    | 84    |
| 203      | pozostałe               | 396   | 716   | 1037  | 1340  | 1674  | 1993  | 2467   | 3144   | 333   |

192 rows × 14 columns

```
In [11]: df.columns
Out[11]: Index(['Unnamed: 0', 'I', 'I-II', 'I-III', 'I-IV', 'I-V', 'I-VI', 'I-VI
          Ι',
                   'I-VIII', 'I-IX', 'I-X', 'I-XI', 'I-XII', 'year'],
                 dtype='object')
 In [ ]: current_year = None
          for index, row in df.iterrows():
              if np.isnan(row["I-II"]):
                   current_year = row["I"]
              df.at[index, "year"] = current year
          df['year']
 Out[]: 12
                  1993
           13
                  1993
           14
                  1993
           15
                  1993
           16
                  1993
                  . . .
           199
                  2024
           200
                  2024
           201
                  2024
           202
                  2024
          203
                  2024
          Name: year, Length: 192, dtype: object
In [13]: |df["year"].unique()
Out[13]: array([1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003,
                  2004, '2005 a', '2006a', '2007a', '2008a', '2009a', '2010a', '2011a', '2012a', '2013a', '2014a', '2015a', '2016a', '2017a',
                   '2018a', 2019, 2020, 2021, 2022, 2023, 2024], dtype=object)
```

```
In [14]: df['year'] = df['year'].apply(lambda r: int(re.findall(r"\d+", r)[0]) if
          df["year"].unique()
Out[14]: array([1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003,
                   2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014,
                   2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024])
In [15]:
          df = df[df["year"] >= 2014]
          df = df[~df["Unnamed: 0"].isna()]
          df.head(10)
                                 ī
                                                            I-V
Out[15]:
                Unnamed: 0
                                      I-II
                                             I-III
                                                    I-IV
                                                                  I-VI
                                                                         I-VII
                                                                                I-VIII
                                                                                         I-IX
          139
                   OGÓŁEM
                            12511
                                   24973 35562
                                                 47208
                                                         56101
                                                                66418
                                                                      79677
                                                                               88821
                                                                                      100142
          140
               indywidualne
                              7155
                                   13869
                                           20399
                                                  26501
                                                         32017
                                                                37819
                                                                       44347
                                                                               49365
                                                                                       55417
                sprzedaż lub
                              4449
          141
                                     9517
                                           13204
                                                  18299
                                                         21484
                                                                25601
                                                                       31480
                                                                               34515
                                                                                       39247
                   wynajem
          142
                spółdzielcze
                              415
                                      773
                                            1012
                                                   1205
                                                          1251
                                                                 1392
                                                                         1873
                                                                                        2544
                                                                                2146
          143
                  pozostałe
                               492
                                      814
                                             947
                                                   1203
                                                          1349
                                                                 1606
                                                                         1977
                                                                                2795
                                                                                        2934
          145
                   OGÓŁEM
                            11748
                                   21241
                                           31703
                                                 42138
                                                         52548
                                                                63966
                                                                       76852
                                                                              88067
                                                                                      101331
               indywidualne
          146
                              6627
                                    12930
                                           19698
                                                  26470
                                                         32231
                                                                38542
                                                                       45855
                                                                               51751
                                                                                       57798
                sprzedaż lub
          147
                                                         19099
                              4868
                                     7818
                                          11182
                                                  14493
                                                                23896
                                                                       28839
                                                                               33606
                                                                                       40365
                   wynajem
          148
                                                    494
                                                           495
                spółdzielcze
                                50
                                       81
                                             244
                                                                  511
                                                                          735
                                                                                1075
                                                                                        1195
           149
                   pozostałe
                               203
                                      412
                                             579
                                                    681
                                                           723
                                                                 1017
                                                                         1423
                                                                                1635
                                                                                        1973
In [16]:
          df.columns
          Index(['Unnamed: 0', 'I', 'I-II', 'I-III', 'I-IV', 'I-V', 'I-VI', 'I-VI
Out[16]:
           Ι',
                   'I-VIII', 'I-IX', 'I-X', 'I-XI', 'I-XII', 'year'],
                 dtype='object')
In [17]:
          df2014 = df[df["year"] == 2014].copy()
          df2014
Out[17]:
                Unnamed: 0
                                 I
                                      I-II
                                             I-III
                                                    I-IV
                                                            I-V
                                                                  I-VI
                                                                         I-VII
                                                                                I-VIII
                                                                                         I-IX
          139
                                   24973
                   OGÓŁEM
                            12511
                                           35562
                                                  47208
                                                         56101
                                                                66418
                                                                       79677
                                                                               88821
                                                                                      100142
          140
               indywidualne
                                   13869
                                           20399
                                                  26501
                                                         32017
                                                                37819
                                                                       44347
                              7155
                                                                               49365
                                                                                       55417
                sprzedaż lub
          141
                              4449
                                                         21484
                                     9517
                                           13204
                                                  18299
                                                                25601
                                                                       31480
                                                                               34515
                                                                                       39247
                   wynajem
          142
                spółdzielcze
                               415
                                      773
                                            1012
                                                   1205
                                                          1251
                                                                 1392
                                                                         1873
                                                                                2146
                                                                                        2544
          143
                               492
                                      814
                                             947
                                                   1203
                                                                 1606
                                                                         1977
                                                                                2795
                                                                                        2934
                   pozostałe
                                                          1349
In [18]: | def from_roman(num):
               roman numerals = \{'I':1, 'V':5, 'X':10, 'L':50, 'C':100, 'D':500, 'M'\}
               result = 0
               for i,c in enumerate(num):
                   if (i+1) == len(num) or roman numerals[c] >= roman numerals[num[i
```

```
result += roman_numerals[c]
    else:
        result -= roman_numerals[c]
return result

def rename_columns(col_name: str) -> str:
    if col_name == "Unnamed: 0":
        return "title"
    elif col_name == "I":
        return "1"
    elif col_name[:2] == "I-":
        return str(from_roman(col_name[2:]))
    else:
        return col_name

df.rename(columns=rename_columns, inplace=True)
df.head()
```

```
title
Out[18]:
                                1
                                       2
                                              3
                                                            5
                                                                   6
                                                                          7
                                                                                 8
                                                                                         9
                            12511 24973 35562
          139
                  OGÓŁEM
                                                 47208
                                                       56101
                                                               66418 79677
                                                                             88821
                                                                                    100142
               indywidualne
          140
                             7155 13869 20399 26501 32017
                                                              37819 44347 49365
                                                                                     55417
                sprzedaż lub
          141
                             4449
                                    9517 13204 18299 21484 25601 31480 34515
                                                                                     39247
                   wynajem
          142
                spółdzielcze
                                                                                      2544
                              415
                                     773
                                           1012
                                                  1205
                                                         1251
                                                                1392
                                                                       1873
                                                                              2146
          143
                  pozostałe
                              492
                                     814
                                            947
                                                  1203
                                                         1349
                                                                1606
                                                                       1977
                                                                              2795
                                                                                      2934
```

```
KeyError
                                           Traceback (most recent call las
t)
Cell In[19], line 11
            ndf.index = [dt.datetime(year=year, month=int(ind), day=1) for
ind in ndf.index]
            return ndf
---> 11 proceed subdf(df=df2014, year=2014)
Cell In[19], line 4, in proceed subdf(df, year)
      2 \text{ ndf} = \text{df.T}
      3 ndf.columns = ndf.iloc[0]
----> 4 ndf.drop(index="title", inplace=True)
      5 ndf.drop(index="year", inplace=True)
      6 for index in range(12, 1, -1):
File ~/code/ds/pkobp/.venv/lib/python3.12/site-packages/pandas/core/fram
e.py:5581, in DataFrame.drop(self, labels, axis, index, columns, level, in
place, errors)
   5433 def drop(
   5434
            self,
   5435
            labels: IndexLabel | None = None,
   (\ldots)
   5442
            errors: IgnoreRaise = "raise",
   5443 ) -> DataFrame | None:
   5444
   5445
            Drop specified labels from rows or columns.
   5446
   (\ldots)
   5579
                    weight 1.0
                                     0.8
            0.00
   5580
-> 5581
            return super().drop(
                labels=labels,
   5582
   5583
                axis=axis,
   5584
                index=index,
   5585
                columns=columns,
                level=level,
   5586
   5587
                inplace=inplace,
   5588
                errors=errors,
   5589
            )
File ~/code/ds/pkobp/.venv/lib/python3.12/site-packages/pandas/core/generi
c.py:4788, in NDFrame.drop(self, labels, axis, index, columns, level, inpl
ace, errors)
   4786 for axis, labels in axes.items():
            if labels is not None:
   4787
                obj = obj._drop_axis(labels, axis, level=level, errors=err
-> 4788
ors)
   4790 if inplace:
            self. update inplace(obj)
File ~/code/ds/pkobp/.venv/lib/python3.12/site-packages/pandas/core/generi
c.py:4830, in NDFrame._drop_axis(self, labels, axis, level, errors, only_s
lice)
   4828
                new_axis = axis.drop(labels, level=level, errors=errors)
   4829
-> 4830
                new_axis = axis.drop(labels, errors=errors)
   4831
            indexer = axis.get_indexer(new_axis)
   4833 # Case for non-unique axis
```

## 4834 else:

```
File ~/code/ds/pkobp/.venv/lib/python3.12/site-packages/pandas/core/indexe
         s/base.py:7070, in Index.drop(self, labels, errors)
            7068 if mask.any():
                     if errors != "ignore":
            7069
         -> 7070
                         raise KeyError(f"{labels[mask].tolist()} not found in axi
        s")
            7071
                     indexer = indexer[~mask]
            7072 return self.delete(indexer)
        KeyError: "['title'] not found in axis"
In [91]: dfs = []
         for year, df in df.groupby(by="year"):
              dfs.append(proceed subdf(df= df, year=year))
         len(dfs)
Out[91]: 11
In [96]: tdf = pd.concat(objs=dfs, axis=0)
         tdf.head()
Out[961:
               title OGÓŁEM indywidualne sprzedaż lub wynajem spółdzielcze pozostałe
          2014-01-01
                       12511
                                     7155
                                                         4449
                                                                      415
                                                                                492
          2014-02-01
                       12462
                                     6714
                                                         5068
                                                                      358
                                                                                322
          2014-03-01
                       10589
                                     6530
                                                         3687
                                                                      239
                                                                                133
                                                         5095
                                                                                256
          2014-04-01
                       11646
                                     6102
                                                                      193
          2014-05-01
                        8893
                                     5516
                                                                       46
                                                                                146
                                                         3185
In [100... tdf.columns
Out[100... Index(['ogolem', 'indywidualne', 'sprzedaz lub wynajem', 'spoldzielcze',
                  'pozostale'],
                dtype='object', name='title')
In [101... | tdf.rename(columns={
              'OGÓŁEM': "ogolem",
              'indywidualne':"indywidualne",
              'sprzedaż lub wynajem': "sprzedaz_lub_wynajem",
              'spółdzielcze': "spoldzielcze",
                 'pozostałe': "pozostale"},
                 inplace=True)
          tdf.index.name = "data"
          tdf.head()
```

```
title ogolem indywidualne sprzedaz_lub_wynajem spoldzielcze pozostale
Out[101...
                data
          2014-01-01
                       12511
                                     7155
                                                          4449
                                                                       415
                                                                                 492
          2014-02-01
                       12462
                                     6714
                                                          5068
                                                                       358
                                                                                 322
          2014-03-01
                       10589
                                     6530
                                                          3687
                                                                       239
                                                                                 133
          2014-04-01
                       11646
                                     6102
                                                          5095
                                                                       193
                                                                                 256
          2014-05-01
                       8893
                                     5516
                                                                        46
                                                                                 146
                                                          3185
In [105...
          tdf.index
Out[105... DatetimeIndex(['2014-01-01', '2014-02-01', '2014-03-01', '2014-04-01',
                           '2014-05-01', '2014-06-01', '2014-07-01', '2014-08-01',
                           '2014-09-01', '2014-10-01',
                           '2024-03-01', '2024-04-01', '2024-05-01', '2024-06-01',
                           '2024-07-01', '2024-08-01', '2024-09-01', '2024-10-01',
                           '2024-11-01', '2024-12-01'],
                          dtype='datetime64[ns]', name='data', length=132, freq=Non
          e)
          for col in tdf.columns:
In [111...
              sns.lineplot(x='data', y=col, data=tdf, label=col)
                           ogolem
            25000
                           indywidualne
                           sprzedaz lub wynajem
                           spoldzielcze
            20000
                           pozostale
            15000
         ogolem
            10000
             5000
                 0
                                           2018
                    2014
                                2016
                                                       2020
                                                                   2022
                                                                              2024
                                                    data
In [112... | tdf.to_csv("../data/gus_budowa.csv")
In [62]: df2014
```

```
9
                      title
                               1
                                      2
                                             3
                                                    4
                                                           5
                                                                  6
                                                                        7
                                                                               8
Out[62]:
                           12511 24973 35562
                                                      56101
          139
                  OGÓŁEM
                                               47208
                                                             66418 79677
                                                                           88821
                                                                                  100142
          140
               indywidualne
                            7155
                                  13869
                                         20399
                                                26501
                                                       32017
                                                             37819
                                                                    44347
                                                                           49365
                                                                                   55417
               sprzedaż lub
          141
                            4449
                                   9517 13204 18299 21484 25601 31480 34515
                                                                                   39247
                  wynajem
                spółdzielcze
                                                 1205
                                                                                    2544
          142
                             415
                                    773
                                          1012
                                                        1251
                                                               1392
                                                                     1873
                                                                            2146
          143
                  pozostałe
                             492
                                    814
                                           947
                                                 1203
                                                        1349
                                                               1606
                                                                     1977
                                                                            2795
                                                                                    2934
 In [ ]:
        Unnamed: 0 Un named: 0
        ΙI
        I-II I- II
        I-III I- III
        I-IV I- IV
        I-V I- V
        I-VI I- VI
        I-VII I- VII
        I-VIII I- VIII
        I-IX I- IX
        I-X I- X
        I-XI I- XI
        I-XII I- XII
        year ye ar
 Out[]:
                      title
                               1
                                      2
                                             3
                                                    4
                                                           5
                                                                  6
                                                                        7
                                                                               8
                                                                                       9
          139
                  OGÓŁEM
                           12511 24973 35562 47208 56101
                                                             66418 79677
                                                                           88821
                                                                                  100142
          140
              indywidualne
                            7155 13869 20399 26501
                                                      32017
                                                             37819
                                                                    44347
                                                                           49365
                                                                                   55417
               sprzedaż lub
          141
                            4449
                                        13204 18299 21484 25601 31480 34515
                                                                                   39247
                  wynajem
                spółdzielcze
          142
                             415
                                    773
                                          1012
                                                 1205
                                                        1251
                                                                                    2544
                                                               1392
                                                                     1873
                                                                            2146
          143
                  pozostałe
                             492
                                    814
                                           947
                                                 1203
                                                        1349
                                                               1606
                                                                     1977
                                                                            2795
                                                                                    2934
In [87]: def proceed subdf(df: pd.DataFrame, year: int) -> pd.DataFrame:
              ndf = df.T
              ndf.columns = ndf.iloc[0]
              ndf.drop(index="title", inplace=True)
              ndf.drop(index="year", inplace=True)
              for index in range(12, 1, -1):
                  ndf.loc[str(index)] -= ndf.loc[str(index-1)]
              ndf.index = [dt.datetime(year=year, month=int(ind), day=1) for ind in
              return ndf
          proceed_subdf(df=df2014, year=2014)
```

| Out[87]: | title      | OGÓŁEM | indywidualne | sprzedaż lub wynajem | spółdzielcze | pozostałe |
|----------|------------|--------|--------------|----------------------|--------------|-----------|
|          | 2014-01-01 | 12511  | 7155         | 4449                 | 415          | 492       |
|          | 2014-02-01 | 12462  | 6714         | 5068                 | 358          | 322       |
|          | 2014-03-01 | 10589  | 6530         | 3687                 | 239          | 133       |
|          | 2014-04-01 | 11646  | 6102         | 5095                 | 193          | 256       |
|          | 2014-05-01 | 8893   | 5516         | 3185                 | 46           | 146       |
|          | 2014-06-01 | 10317  | 5802         | 4117                 | 141          | 257       |
|          | 2014-07-01 | 13259  | 6528         | 5879                 | 481          | 371       |
|          | 2014-08-01 | 9144   | 5018         | 3035                 | 273          | 818       |
|          | 2014-09-01 | 11321  | 6052         | 4732                 | 398          | 139       |
|          | 2014-10-01 | 14724  | 6647         | 7161                 | 265          | 651       |
|          | 2014-11-01 | 13005  | 5897         | 6395                 | 308          | 405       |
|          | 2014-12-01 | 15295  | 8168         | 6262                 | 373          | 492       |
|          |            |        |              |                      |              |           |

In [ ]:
In [80]: ndf2014 = df2014.T
ndf2014.columns = ndf2014.iloc[0]

ndf2014.drop(index="title", inplace=True)
ndf2014.drop(index="year", inplace=True)
ndf2014

| Out[80]: | title | OGÓŁEM | indywidualne | sprzedaż lub wynajem | spółdzielcze | pozostałe |
|----------|-------|--------|--------------|----------------------|--------------|-----------|
|          | 1     | 12511  | 7155         | 4449                 | 415          | 492       |
|          | 2     | 24973  | 13869        | 9517                 | 773          | 814       |
|          | 3     | 35562  | 20399        | 13204                | 1012         | 947       |
|          | 4     | 47208  | 26501        | 18299                | 1205         | 1203      |
|          | 5     | 56101  | 32017        | 21484                | 1251         | 1349      |
|          | 6     | 66418  | 37819        | 25601                | 1392         | 1606      |
|          | 7     | 79677  | 44347        | 31480                | 1873         | 1977      |
|          | 8     | 88821  | 49365        | 34515                | 2146         | 2795      |
|          | 9     | 100142 | 55417        | 39247                | 2544         | 2934      |
|          | 10    | 114866 | 62064        | 46408                | 2809         | 3585      |
|          | 11    | 127871 | 67961        | 52803                | 3117         | 3990      |
|          | 12    | 143166 | 76129        | 59065                | 3490         | 4482      |
|          |       |        |              |                      |              |           |

In [81]: ndf2014.index

Out[81]: Index(['1', '2', '3', '4', '5', '6', '7', '8', '9', '10', '11', '12'], d type='object')

| Out[82]: | title | OGÓŁEM | indywidualne | sprzedaż lub wynajem | spółdzielcze | pozostałe |
|----------|-------|--------|--------------|----------------------|--------------|-----------|
|          | 1     | 12511  | 7155         | 4449                 | 415          | 492       |
|          | 2     | 12462  | 6714         | 5068                 | 358          | 322       |
|          | 3     | 10589  | 6530         | 3687                 | 239          | 133       |
|          | 4     | 11646  | 6102         | 5095                 | 193          | 256       |
|          | 5     | 8893   | 5516         | 3185                 | 46           | 146       |
|          | 6     | 10317  | 5802         | 4117                 | 141          | 257       |
|          | 7     | 13259  | 6528         | 5879                 | 481          | 371       |
|          | 8     | 9144   | 5018         | 3035                 | 273          | 818       |
|          | 9     | 11321  | 6052         | 4732                 | 398          | 139       |
|          | 10    | 14724  | 6647         | 7161                 | 265          | 651       |
|          | 11    | 13005  | 5897         | 6395                 | 308          | 405       |
|          | 12    | 15295  | 8168         | 6262                 | 373          | 492       |

In [85]: ndf2014.index = [dt.datetime(year=2014, month=int(ind), day=1) for ind in
ndf2014

| Out[85]: | title      | OGÓŁEM | indywidualne | sprzedaż lub wynajem | spółdzielcze | pozostałe |
|----------|------------|--------|--------------|----------------------|--------------|-----------|
|          | 2014-01-01 | 12511  | 7155         | 4449                 | 415          | 492       |
|          | 2014-02-01 | 12462  | 6714         | 5068                 | 358          | 322       |
|          | 2014-03-01 | 10589  | 6530         | 3687                 | 239          | 133       |
|          | 2014-04-01 | 11646  | 6102         | 5095                 | 193          | 256       |
|          | 2014-05-01 | 8893   | 5516         | 3185                 | 46           | 146       |
|          | 2014-06-01 | 10317  | 5802         | 4117                 | 141          | 257       |
|          | 2014-07-01 | 13259  | 6528         | 5879                 | 481          | 371       |
|          | 2014-08-01 | 9144   | 5018         | 3035                 | 273          | 818       |
|          | 2014-09-01 | 11321  | 6052         | 4732                 | 398          | 139       |
|          | 2014-10-01 | 14724  | 6647         | 7161                 | 265          | 651       |
|          | 2014-11-01 | 13005  | 5897         | 6395                 | 308          | 405       |
|          | 2014-12-01 | 15295  | 8168         | 6262                 | 373          | 492       |