5 ROI

December 12, 2022

SQL request project Yandex Practicum (personal visuzalization implementation in Python) ROI visualization

```
* postgresql://postgres:***@localhost/1
12 rows affected.
Returning data to local variable result
```

```
[12]: df = result.DataFrame()
display(df.head(12))
```

```
dt roi
0 2016-03-01 383
1 2016-04-01 278
2 2016-05-01 357
3 2016-06-01 327
4 2016-07-01 318
5 2016-08-01 327
```

```
2016-09-01
     6
                     337
     7
         2016-10-01
                     322
         2016-11-01
                     303
     8
     9
         2016-12-01
                     328
     10 2017-01-01
                     373
         2017-02-01
                     312
[21]: import pandas as pd
      import seaborn as sb
      import matplotlib.pyplot as plt
      plot = sb.barplot(data=df,
                        y='roi').set(title='ROI % per month')
      plt.xticks(rotation=45)
      plt.show()
```

