

lr3 > diagram.py

base_class.py × vk_clients.py × diagram.py ×

1 from vk_clients import *

2 username=input()

3 get_user = GetID(username)

4 user = get_user.execute()

5 user_id = user.get('id')

6

7 get_friends = GetFriends(user_id)

8 friends = get_friends.execute()

9

10 age_list = [0 for i in range(120)]

11 today = datetime.now()

12

13 print(user.get('last_name'), user.get('first_name'), sep=' ')

14

15 for f in friends:

16 bdate_str = f.get('bdate')

17 try:

18 bdate = datetime.strptime(bdate_str, '%d.%m.%Y')

19 days = (today-bdate).days

Run diagram

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/usr/bin/python3.5 /home/mariumi/PycharmProjects/lr3/diagram.py

aremi96

Постникова Маша

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9: Version Control

Python Console

Terminal

4: Run

6: TODO

1 Event Log

Subscription Validation: Your PyCharm subscription expired on 06.11.17. // If you don't renew it before 13.11.17, you will no longer be ... (51 minutes ago)

15:1

LF

UTF-8

Git: master



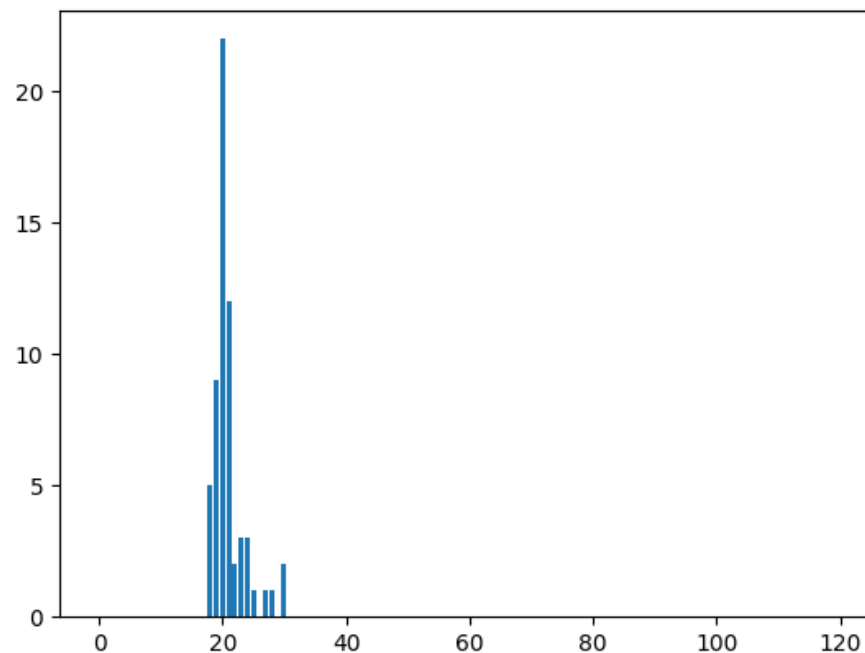
lr3 - [~/PycharmProjects/lr3] - .../diagram.py - PyCharm 2017.2.3

lr3 > diagram.py

diagram

```
9
10 age_list = [0 for i in range(120)]
11 today = datetime.now()
12
13 print(user.get('last_name'), user.get('
14
15 for f in friends:
16     bdate_str = f.get('bdate')
17     try:
18         bdate = datetime.strptime(bdate
19         days = (today-bdate).days
20         age = days // 365
21         age_list[age] += 1
22     except:
23         pass
24 for i in range(120):...
27
28
29 import matplotlib.pyplot as plt
30 import numpy as np
31
32 y = np.arange(len(age_list))
33 plt.bar(y, age_list, align='center')
34 plt.show()
```

Figure 1



x=103.338 y=12.7625

9: Version Control Python Console Terminal 4: Run 6: TODO

1 Event Log

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