

Q: Why does program send only one request to Firebase for each query?

A:

During the uploading process, I filtered the data before I put them to my database, so the put request can upload data I want to database and there is not anything can sending another request do.

```
#upload data to firebase's realtime database
url='https://ying-wang-hw1-default-rtdb.firebaseio.com/customers.json'
response=requests.put(url,df_json)
```

About getting data, since in the load.py I uploaded data of all senior citizens to database and put them under one node called customer, so that sending only one get request with some filtering parameters for each query can retrieve data I want and then I can count and do other operations locally. Every request will take time , so why do I sent multiple requests when one request can solve the problem?

```
#get data from realtime database
url='https://ying-wang-hw1-default-rtdb.firebaseio.com/customers.json'
re_churned=requests.get(url+'?orderBy="Churn"'+&'+equalTo="Yes"'
                        +&'+limitToFirst='+str(k))
```

```
#upload data to firebase's realtime database
url='https://ying-wang-hw1-default-rtdb.firebaseio.com/customers.json'
response=requests.put(url,df_json)
```