

## sms\_usage\_retrieve

April 25, 2018

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In [1]: import pandas as pd
import requests

In [2]: #get daily usage till today
url = 'http://api.smsbrain.in/1.2/appsms/dailyUsage.php'
start_date = datetime.date(2016,1,1)
end_date= datetime.date.today()
newdate = datetime.timedelta(days=1)
date_=[]
usage_=[]
while start_date<end_date:
    date_.append(start_date.strftime('%Y-%m-%d'))
    res = requests.get(url, params = {'startDate':start_date,'endDate':start_date})
    print('Date ',start_date, 'Usage: ', res.text)
    usage_.append(res.text.strip('\n'))
    start_date += newdate

In [3]: df = pd.DataFrame({'Date':date_, 'Usage':usage_})

In [4]: with open('sms_usage.csv','a') as f:
    df.to_csv(f,header=False,index=False)

In [5]: df = pd.read_csv('sms_usage.csv',parse_dates=True)
df.tail()
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Out[5]:
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	Date	Usage
835	2018-04-14	55897
836	2018-04-15	40892
837	2018-04-16	66625
838	2018-04-17	45260
839	2018-04-18	37927