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In [120... import requests
import re
from bs4 import BeautifulSoup
import pandas as pd
import time
import csv
from datetime import datetime
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In [121... import pandas
dt_index = pandas.date_range(start='20220501',end='20220531')
dt_list = dt_index.strftime("%Y%m%d").tolist()
# for x in dt_list:
#     print(x)
```

```
In [122... listT = ['자연관광', '역사관광', '체험관광', '문화관광', '레저스포츠', '쇼핑', '음식', '숙박']
result_dict = dict()
for x in dt_list:
    tmp_dict = dict()
    for i in range(len(listT)):
        url = "https://datalab.visitkorea.or.kr/visualize/getTemplateData.do"
        params = {
            'arrSggCd': ['50'],
            'arrSggSidoCd': ['50130'],
            'txtSGG_CD': '1',
            'txtSIDO_ARR': '1',
            'SGG_CD': '50130',
            'TMAP_CATE_MCLS_CD': listT[i],
            'SIDO_ARR': '50130',
            'BASE_YM1': [x],
            'BASE_YM2': [x],
            'srchAreaDate': '5',
            'qid': 'BDT_03_04_003',
        }
        headers = {'User-Agent': 'Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) App
time.sleep(2)
        response = requests.post(url, headers=headers, data=params)
        if response.status_code == 200:
            data = response.json()
            tmp_dict[listT[i]] = data
        result_dict[x] = tmp_dict
s = dict()
s['서귀포시'] = result_dict
```

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In [124... list = ['자연관광', '역사관광', '체험관광', '문화관광', '레저스포츠', '쇼핑', '음식', '숙박']
result_dict1 = dict()
for x in dt_list:
    tmp_dict1 = dict()
    for i in range(len(list)):
        url = "https://datalab.visitkorea.or.kr/visualize/getTemplateData.do"
        params = {
            'arrSggCd': ['50'],
            'arrSggSidoCd': ['50110'],
            'txtSGG_CD': '1',
            'txtSIDO_ARR': '1',
            'SGG_CD': '50110',
            'TMAP_CATE_MCLS_CD': list[i],
            'SIDO_ARR': '50110',
            'BASE_YM1': [x],
            'BASE_YM2': [x],
            'srchAreaDate': '5',
            'qid': 'BDT_03_04_003',
```

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}
headers = {'User-Agent': 'Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) App
time.sleep(2)
response = requests.post(url, headers=headers, data=params)
if response.status_code == 200:
    data1 = response.json()
    tmp_dict1[list[i]] = data1
    result_dict1[x] = tmp_dict1
s['제주시'] = result_dict1
```

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In [125... df = pd.DataFrame(s)
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In [126... df.to_csv('./datalab/20220501.csv')
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In [ ]:
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In [ ]:
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