

# Restaurant menu × Map app for mainly foreigners



# About last presentation

- I searched that foreigners look for restaurant through internet.
- Restaurants don't consider about foreigners.

参考文献：竹内英二，中小サービス産業におけるインバウンド受け入れの現状，日本政策金融公庫論集，2014-05

[https://www.jfc.go.jp/n/findings/pdf/ronbun1405\\_01.pdf](https://www.jfc.go.jp/n/findings/pdf/ronbun1405_01.pdf)

# What's the problem

There are no app searching restaurant for food restriction about religion.

## Thing I want to make

web app that you can find restaurant available to take counsel about food restriction

# System Architecture



Google API

×



ぐるなびAPI



Map



Customer attracting



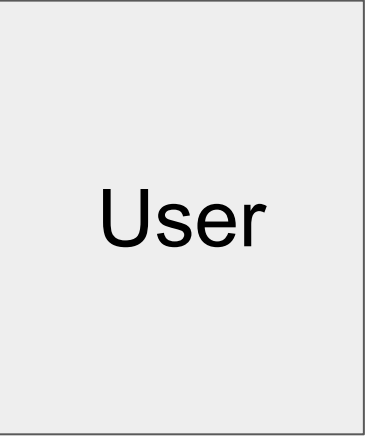
Billing local advertisement, menu with pic



Providing information, discount coupon, short time campaign



Review



# Google Maps API ×ぐるなびAPI

## 現在地周辺のレストラン



1

### 1 焼肉ホルモン まる味

営業時間：ディナー：17:00～23:00(L.O.22:30)

2

### 2 銀林珈琲

営業時間：水～日 11:00～20:00()

You can find restaurant around you like left side picture.

```

# -*- coding: utf-8 -*-
import requests
import pprint
import json

#レストラン検索APIのURL
url = "https://api.gnavi.co.jp/ForeignRestSearchAPI/v3/"

#パラメータの設定
params={}
params["keyid"] = "7a5527507df2f79d5ce305da65cb6771"
params["areacode_s"] = "AREAS2107" # 新橋
params['lang'] = 'en'
params['religious_menu_options'] = 1
params["freeword"] = "fish"

#リクエスト結果
result_api = requests.get(url, params)
result_api = result_api.json()
# print(result_api) # 整形せずにそのまま表示
#pprint.pprint(result_api) # 整形して表示

hit = len(result_api['rest'])
print('国・宗教別メニュー相談可の店が' + str(hit) + '件見つかりました。')

# ループで、ヒットした10件分の店名を表示させる
for i in range(hit):
    print()
    print(result_api['rest'][i]['name']['name'])
    print(result_api['rest'][i]['name']['name_sub'])
    print(result_api['rest'][i]['contacts']['address'])
    print(result_api['rest'][i]['business_hour'])
    print(result_api['rest'][i]['contacts']['tel'])
    print(result_api['rest'][i]['image_url']['thumbnail'])

```

国・宗教別メニュー相談可の店が5件見つかりました。

Jizake-to Koshitsuizakaya Tokuyama Shimbashihonten  
 地酒と個室居酒屋 とく山 新橋本店  
 S plaza Yayoi Building 4F, 2-15-7, Shimbashi, Minato-ku, Tokyo, 105-0004  
 Lunch: 12:00 - 16:00(Drink L.O. 15:30)  
 Monday - Thursday & Saturday & Sunday & Holiday 16:00 - 24:00  
 Friday & Day before holiday 16:00 - 1:00, the following day  
 03-3539-2747  
[https://rimage.gnst.jp/rest/img/1w5p7nwa0000/t\\_0n9u.jpg?rw=80&rh=80](https://rimage.gnst.jp/rest/img/1w5p7nwa0000/t_0n9u.jpg?rw=80&rh=80)

Maguro-BUGYO & Kani-DAIKAN Magurobugyotokanidaikanshimbashiten  
 日本酒と個室居酒屋 まぐる奉行とかに代官 新橋店

# Using python and API

Output restaurant  
 available to take counsel  
 about food restriction.  
 Also output price,  
 opentime, close time,  
 adress in English.