

Google Places API

Search for a place in Google Maps

```
In [34]: # Get Libraries
import requests
import json
from urllib.parse import urlencode
```

```
In [26]: # Enter parameters

base = "https://maps.googleapis.com/maps/api/place/findplacefromtext/json"
params = {
    # "key": insert_api_key,           # your api key
    "input": "thai restaurant",       # What to search for
    "inputtype": "textquery",         # Search by phone # or text
    "fields": "formatted_address,name, geometry" # Info we want returned
}

lat, long = 44.9809, -93.2706        # Enter in search location
locationbias = f"point:{lat},{long}" # or use default IP address biasing

param_encode = urlencode(params, locationbias)
place_search = f"{base}?{param_encode}" # Generate search url, make sure it
works
```

```
In [9]: r = requests.get(place_search) # request info from server
print(r.status_code)                  # confirm response
```

200

```
In [43]: r.json() # show results
```

```
In [ ]: "formatted_address" : "1517 Como Ave SE, Thai Cuisine Xpress, Minneapolis",
        "geometry" : {
          "location" : {
            "lat" : 44.9947285,
            "lng" : -93.2304231
          },
          "viewport" : {
            "northeast" : {
              "lat" : 43.85824767010727,
              "lng" : -93.2102470798928
            },
            "southwest" : {
              "lat" : 44.86094732989272,
              "lng" : -93.2075474201073
            }
          }
        },
      },
```