

PDS ASSIGNMENT 3

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1) Use any open-source API to access some data in Jason format and then parse the Jason data and display it as some kind of dashboard (20 points).

a. When consuming APIs with Python, you may use python library: requests. With it, you should be able to do most, if not all, of the actions required to consume any public API (for example open weather API or Random User Generator API, or traffic API etc.) below are some examples of the real-time APIs

I have taken google translate dataset

```
import requests

url = "https://google-translate1.p.rapidapi.com/language/translate/v2/languages"

headers = {
    "Accept-Encoding": "application/gzip",
    "X-RapidAPI-Key": "03f71a38a2mshad3fc617d2423ffp105086jsnbd8b6f30df0e",
    "X-RapidAPI-Host": "google-translate1.p.rapidapi.com"
}

response = requests.get(url, headers=headers)

print(response.json())
```

b. To display the data you may use python library Dash or some other library.

```
return html.Div()

# Run the app
if __name__ == '__main__':
    app.run_server(debug=True)
```

Supported Languages

× am

Selected Languages:

- am



