In [11]:
```
import pandas as pd
```

Woking with JSON

In [12]:
```
pd.read_json('train.json')
```

Out[12]:

	id	cuisine	ingredients
0	10259	greek	[romaine lettuce, black olives, grape tomatoes...
1	25693	southern_us	[plain flour, ground pepper, salt, tomatoes, g...
2	20130	filipino	[eggs, pepper, salt, mayonaise, cooking oil, g...
3	22213	indian	[water, vegetable oil, wheat, salt]
4	13162	indian	[black pepper, shallots, cornflour, cayenne pe...
...	...	...	...
39769	29109	irish	[light brown sugar, granulated sugar, butter, ...
39770	11462	italian	[KRAFT Zesty Italian Dressing, purple onion, b...
39771	2238	irish	[eggs, citrus fruit, raisins, sourdough starte...
39772	41882	chinese	[boneless chicken skinless thigh, minced garli...
39773	2362	mexican	[green chile, jalapeno chilies, onions, ground...

39774 rows × 3 columns

In [16]:
```
pd.read_json('https://api.exchangerate-api.com/v4/latest/INR')
```

Out[16]:

	api_url	api_docs	api_terms	b
AED	https://www.exchangerate-api.com	https://www.exchangerate-api.com/docs/free	https://www.exchangerate-api.com/terms	
AFN	https://www.exchangerate-api.com	https://www.exchangerate-api.com/docs/free	https://www.exchangerate-api.com/terms	
ALL	https://www.exchangerate-api.com	https://www.exchangerate-api.com/docs/free	https://www.exchangerate-api.com/terms	
AMD	https://www.exchangerate-api.com	https://www.exchangerate-api.com/docs/free	https://www.exchangerate-api.com/terms	
ANG	https://www.exchangerate-api.com	https://www.exchangerate-api.com/docs/free	https://www.exchangerate-api.com/terms	
...	...	...	...	
XOF	https://www.exchangerate-api.com	https://www.exchangerate-api.com/docs/free	https://www.exchangerate-api.com/terms	

XPF	https://www.exchangerate-api.com	https://www.exchangerate-api.com/docs/free	https://www.exchangerate-api.com/terms
YER	https://www.exchangerate-api.com	https://www.exchangerate-api.com/docs/free	https://www.exchangerate-api.com/terms
ZAR	https://www.exchangerate-api.com	https://www.exchangerate-api.com/docs/free	https://www.exchangerate-api.com/terms
ZMW	https://www.exchangerate-api.com	https://www.exchangerate-api.com/docs/free	https://www.exchangerate-api.com/terms

160 rows × 7 columns

Working with SQL

In [17]:
```
!pip install mysql.connector
```

```
Processing c:\users\91842\appdata\local\pip\cache\wheels\57\e4\98\5feafb5c39
3dd2540e44b064a6f95832990d543e5b4f53ea8f\mysql_connector-2.2.9-cp38-cp38-win
_amd64.whl
Installing collected packages: mysql.connector
Successfully installed mysql.connector
```

In [18]:
```
import mysql.connector
```

In [20]:
```
conn = mysql.connector.connect(host='localhost',user='root',password='',da
```

In [27]:
```
df = pd.read_sql_query("SELECT * FROM countrylanguage",conn)
```

In [28]:
```
df
```

Out[28]:

	CountryCode	Language	IsOfficial	Percentage
0	ABW	Dutch	T	5.3
1	ABW	English	F	9.5
2	ABW	Papiamento	F	76.7
3	ABW	Spanish	F	7.4
4	AFG	Balochi	F	0.9
...	...	...	...	...
979	ZMB	Tongan	F	11.0
980	ZWE	English	T	2.2
981	ZWE	Ndebele	F	16.2
982	ZWE	Nyanja	F	2.2
983	ZWE	Shona	F	72.1

984 rows × 4 columns