

## Day 21 (30/08/23): (JSON API)

### Api: JSON

#### JavaScript Object Notation:

Storing and exchange the data.

To use the data in programming, extracted from API.

#### Code:

```
#'http://api.openweathermap.org/data/2.5/weather?qq=(CITY_NAME)&appid=(API_KEY)&units=metric'
import json
url='{ "Chennai": "90", "Madurai": "65", "Trichy": "50" }'
x=json.loads(url)
print(x)
print(type(x))
url1='{ "firstname": "Arun", "Lastname": "Kumar", "Age": "25" }'
y=json.loads(url1)
print(y)
print(type(y))
```

#### Output:

##### Weather:

```
{'Chennai': '90', 'Madurai': '65', 'Trichy': '50'}
<class 'dict'>
```

##### From Database:

```
{'firstname': 'Arun', 'Lastname': 'Kumar', 'Age': '25'}
<class 'dict'>
```