**7.Application Programming Interface(API)**

Introduction:

* Collection of small apps together to form a app
* These small apps are called API

Public API: it is accessible for everyone

Private API:

One website accessing with one database connection is straight forward.

One website accessing data from different databases API’s are needed.

App is dealing withprotocols.

Ex:

Let us consider a bigger app OLA

It is having more API’s

1.login

2.location

3.payment and so on

**Project:**

**Extracting data from CoinMarket cap API:**

1. Go to coinmarket cap website
2. Go to products🡪 API and obtain API key
3. Go to documentation to obtain API code!
4. Know your code
5. Run it in any python experiment
6. Obtain data in the form of json
7. Normalize the data into a dataframe
8. Save it if you needed