**Application Programming Interface**

1. 4 things to keep in mind while considering API
   1. **Endpoint:** an endpoint is **one end of a communication channel**. When an API interacts with another system, the touchpoints of this communication are considered endpoints. For APIs, an endpoint can include a URL of a server or service.
   2. **Paths:** Endpoint is a part of this. We can enroute the endpoint to further pages so that we can access different data from API.
   3. **Parameters:** To adjust for **specific** **queries** from API we have parameters, they go at the end of the url separated by a QUESTION MARK and contains = “keyword”.   
      When we have more than one parameters, they are separated by an ampersand. &
   4. **Authentication:** How to either monetize the data or how to limit it to a threshold. Have to be able to identify their users and keep track or limit you according to the use you make.
2. **POSTMAN:** An API testing application. It is an HTTP client that tests HTTP requests, utilizing a GUI, through which we obtain different types of responses that need to be subsequently validated.
3. **JSON:** A format used to pass data through internet. Interpretable by pc and human. Var = object name [{key: value;}]. Similar format – XML, HTML.