

### Standard Data Format

# Semi-Structured Data

For semi-structured data consisting of text, there are a number of formats that predominate: Extensible Markup Language (XML) and JavaScript Object Notation (JSON) and others



## 1. Extensible Markup Language (XML)

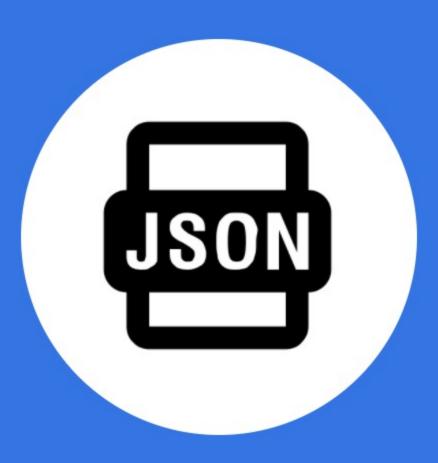
In computing, Extensible Markup Language (XML) is a markup language that defines a set of rules for encoding documents in a format that is both humanreadable and machine-readable through use of tags that can be created and defined by users.

<?xml version="1.0"> <contact-info> <name>Teo Bee Guan</name> <company>Monash University Malaysia</company>

<extension>46072</extension>

</contact-info>

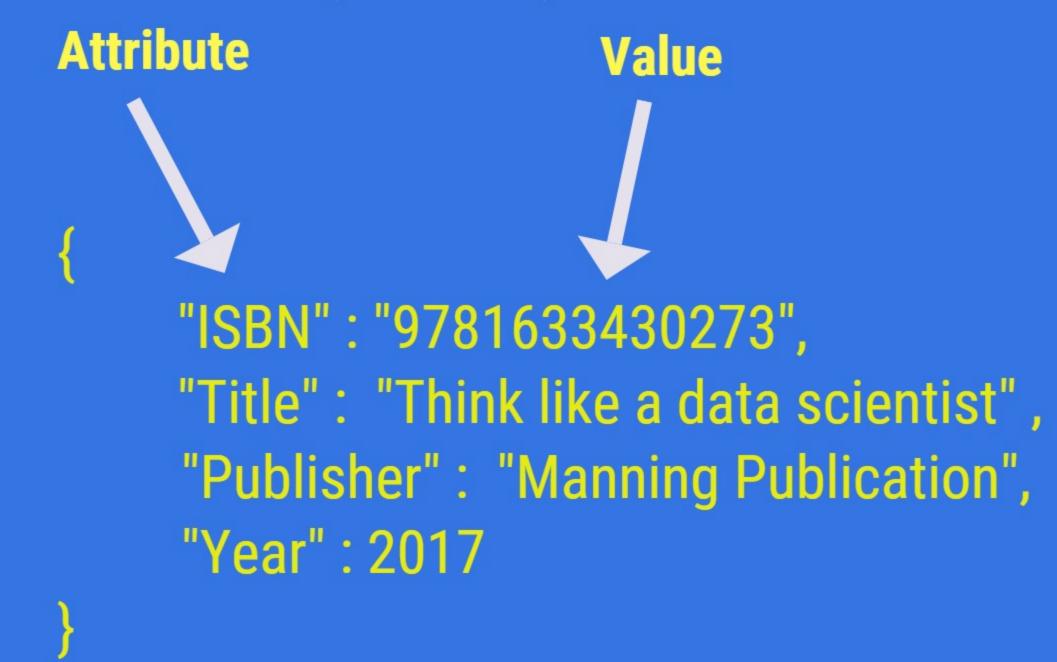
Source: https://en.wikipedia.org/wiki/XML



## 2. Javascript Object Notation (JSON)

In computing, JavaScript Object Notation or JSON is an open-standard file format that uses humanreadable text to transmit data objects consisting of attribute-value pairs and array data types (or any other serializable value).

Source: https://en.wikipedia.org/wiki/JSON





YAML is a human-readable data serialization language. It is commonly used for configuration files, but could be used in many applications where data is being stored (e.g. debugging output) or transmitted (e.g. document headers).

https://en.wikipedia.org/wiki/YAML

application: guestbook version: 1 runtime: python27 api\_version: 1 threadsafe: true

### handlers:

- url: /css static\_dir: css

- url: /.\* script: main.application

#### libraries:

- name: webapp2

version: latest