

JSON – Introduction

- ✿ JSON expands as **Java Script Object Notation**.
- ✿ It generates Java Script objects and hence the name JSON.
- ✿ JavaScript is used to **parse the data interchange format object created by JSON**.
- ✿ The JSON object characterizes data as a key/value pair in the form of [collection or an ordered list](#).
- ✿ Collection includes object, record, struct, dictionary, hash table, keyed list or associated array.
- ✿ Ordered lists are [arrays, vector list or sequence](#).

Sample Objects:

```
var company = {"name" : "WikiTechy", "successrate":100};
```

- ✓ The above JSON object has a [key-value pair](#).
- ✓ The key should always be a [string enclosed in double quotes](#).
- ✓ The value can either be a string, number, Boolean or even an Object.
- ✓ The key comes first followed by colon and then by the value.
- ✓ [Key/value pairs are separated by comma](#).



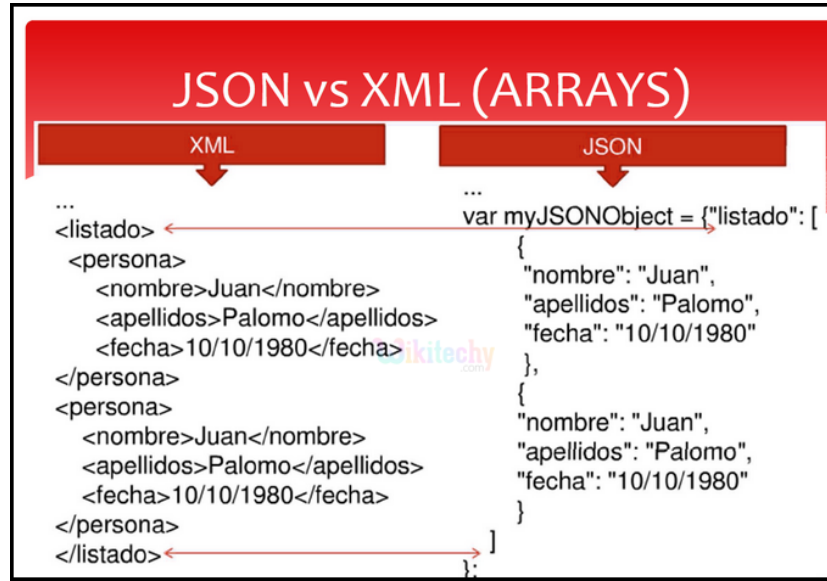


Fig1. Data Representation in XML and JSON

Objects in JSON:

- ✱ An object is denoted by **curly brackets**.
- ✱ The content present with this **curly brackets** are parts of the **object**. Also a value itself can be an object.

Sample JSON Object with Key-value pairs:

```
"WikiTechy" : {  
  "site" : "www.wikitechy.com",  
  "feedback" : [ "good", "nice" ]  
}  
  
"WikiTechy" : {  
  "site" : "www.wikitechy.com"  
}
```