| JSON | XML |
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| It is JavaScript Object Notation | It is Extensible markup language |
| It is based on JavaScript language. | It is derived from SGML. |
| It is a way of representing objects. | It is a markup language and uses tag structure to represent data items. |
| It does not provide any support for namespaces. | It supports namespaces. |
| It supports array. | It doesn’t support array. |
| Its files are very easy to read as compared to XML. | Its documents are comparatively difficult to read and interpret. |
| It doesn’t use end tag. | It has start and end tags. |
| It is less secured. | It is more secured than JSON. |
| It doesn’t support comments. | It supports comments. |
| It supports only UTF-8 encoding. | It supports various encoding. |