JSON is a text-based format used for storing and transferring data between web servers and a client. It is also used to store user submission forms and used for validating customer email addresses. (F) JSON is an alternative to XML (Extensive Markup Language) and appears in files as **.json**. (F)

JSON is based on JavaScript literal object syntax and shares similarities. (F) The data uses key/value pairs, commas separate the elements, curly brackets {} are used to determine objects and square brackets [] are used to designate arrays. (F) This program defines

JSON is being adopted in the IT industry for different reasons. One is because XML has become less common as a data interchange format because JSON is more lightweight and simpler. (F) Another is because JSON is human-readable and is designed for data interchange with its text-based format. Many programming languages, environments, and libraries support it. (F)

Validating JSON seems to be pretty easy. There are many online tools that are free and easy-to-use tools, such as JSONLint.com, <https://codebeautify.org/jsonvalidator> and <https://jsononline.net/json-validator>. It seems like you would simply just copy and paste your code right into the open text box exactly like how we validate out HTML code. There is another way that we can validate.

F, I. (2019, April 4). *What Is JSON: Understanding Syntax, Storing JSON Data, Examples + Downloadable Cheat Sheet*. Hostinger Tutorials. https://www.hostinger.com/tutorials/what-is-json#:~:text=JSON%20(JavaScript%20Object%20Notation)%20is

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