What is JSON:

JSON (JavaScript Object Notation) is a lightweight data-interchange format that is easy for humans to read and write and easy for machines to parse and generate. It is primarily used to structure data for storage and transmission between systems, such as between a server and a web application.

What is JSON based on?

* JavaScript Object Syntax: Although it originates from JavaScript, JSON is language-independent and supported by many programming languages.
* Key-Value Pair Structure: Data is represented as a collection of key-value pairs, similar to objects or dictionaries in various programming languages.
* Text Format: JSON is purely text-based, making it easy to store and transmit over networks.