



JSON





Agenda

- What is JSON?
- How to use JSON?
- Why is it important to know JSON or Why JSON is so popular?
- How may we understand data processing through JSON?

What is {JSON}

- JavaScript Object Notation
- A way to exchange data between a browser and a server
- JSON is text
- JSON as a common language?





How to use JSON



Why is it important to know JSON? Why is it popular?

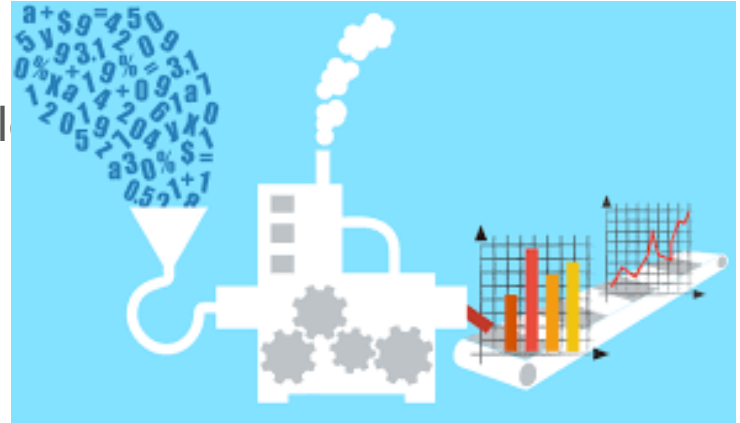
- The exchange of data to and from a web server becomes easier and more efficient.
- Javascript is one of the most common programming languages online (Almost every website contain some JavaScript).
- JSON vs. XML (JSON is becoming the popular choice since it is quicker read & write).



Understanding data processing through JSON

“...the collection and manipulation of items of data to produce meaningful information.”

- Take data from one site and make it usable
 - *Data* → *text*
 - *Input* - *output*
- Using .json to create visualisations
- Can be analysed, combined, sorted etc.





Useful

- <https://www.copterlabs.com/json-what-it-is-how-it-works-how-to-use-it/>
- <http://json.org/json-da.html>

Article that explains JSON:

<https://www.quora.com/What-is-JSON-and-why-does-one-use-it>

Examples of JSON files(f. ex how to implement youtube into your webpage)

<https://www.sitepoint.com/10-example-json-files/>

Daniels Shiffman:

https://www.youtube.com/watch?v=_NFkzw6oFtQ (part 1, and there is also a part 2)