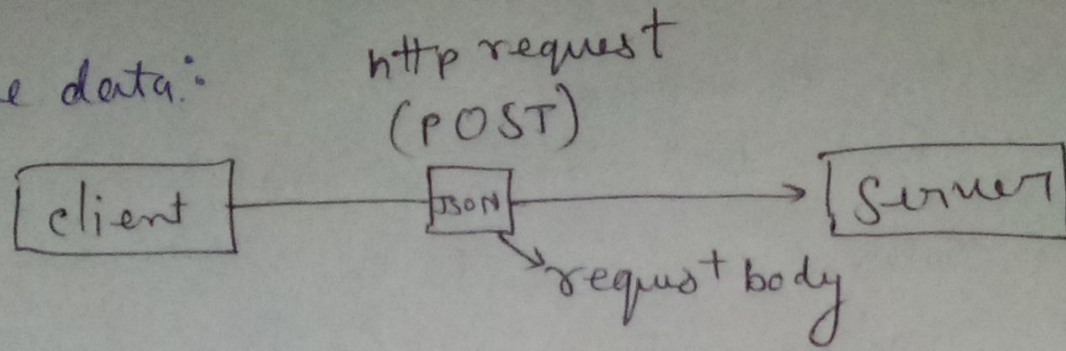


30-Dec-2025

HTTP METHOD (POST)

(i) Send the data:



A request body is the portion of an HTTP request that contains data set by the client to the server. It is typically used in HTTP methods such as POST or PUT to transmit structured data (e.g., JSON, XML or form-data) for the purpose of creating or updating resources on the server.

The server parses the request body to extract the necessary information and perform the intended operation.

(ii) Validation of Data. (To handle this uses pydantic model)

(iii) if validate data successful then new record the data added in database.

* in simple terms POST is an HTTP method used to send data to server to create or update a resource

Key characteristics

Data Location: Data is sent in the request body, not in the URL. This makes it suitable for sending large amounts of data or sensitive information (like passwords).

Non-Idempotent: making the same POST request multiple times will usually result in multiple resources being created (e.g. clicking "Submit" twice might post the same comment twice)

Not Cached: Browsers generally do not cache POST requests or store them in history.

Common Response: A successful creation often returns an HTTP 201 Created status code