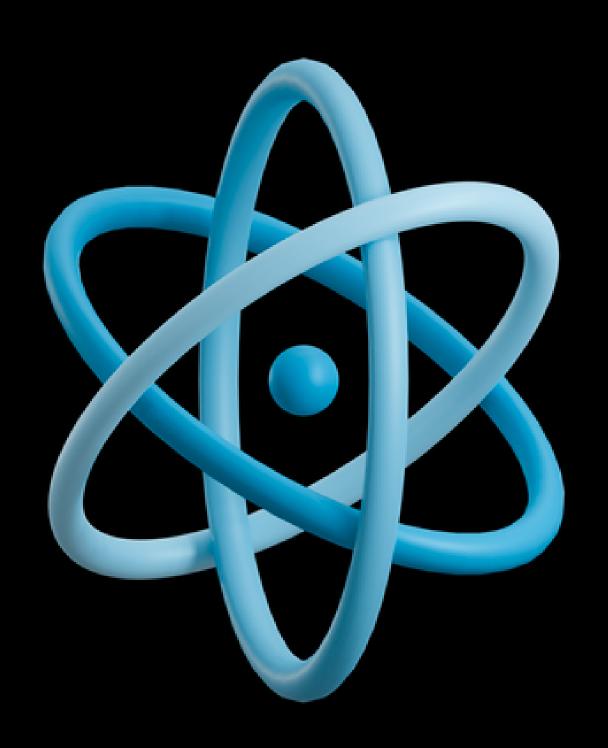# What is **Axios?**

Tired of the complexities of native Fetch API?

Axios is a popular promise-based HTTP client library that simplifies making API calls in your React applications.

It offers a cleaner and more intuitive way compared to the Fetch API for tasks like:

→ Fetching data fromservers
→ Sending data to servers
→ Handling responses

Axios Installation

```
# Using npm
npm install axios

# Using yarn
yarn add axios
```

Making GET Requests

```javascript
import axios from 'axios';

async function fetchData() {
  try {
    const response = await axios.get('https://api.example.com/data');
    console.log(response.data); // Your fetched data
  } catch (error) {
    console.error(error);
  }
}
```

Axios provides a straightforward way to make GET requests to retrieve data from servers.

Making POST Requests

```javascript
async function submitData(data) {
  try {
    const response = await axios.post('https://api.example.com/submit',
    console.log(response.data); // Response from the server
  } catch (error) {
    console.error(error);
  }
}
```

Axios makes **POST** requests a breeze!

Use POST requests to:

➡ **Create new resources on the server**

➡ **Submit form data**

➡ **Update existing data**

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Making **PUT** Requests

```javascript
async function updateData(id, data) {
  try {
    const response = await axios.put(`https://api.example.com/data/${id}
    console.log(response.data); // Updated data
  } catch (error) {
    console.error(error);
  }
}
```

Axios offers a straightforward way to make **PUT requests** for updating resources.

Use PUT requests to:

⟶ Update existing data on the server
⟶ Modify specific properties of a resource

Making **DELETE** Requests

```javascript
async function deleteData(id) {
  try {
    const response = await axios.delete(`https://api.example.com/data/$
    console.log(response.data); // Usually an empty response or status
  } catch (error) {
    console.error(error);
  }
}
```

Need to remove data from your **server?**

Use **DELETE** requests to:

→ Delete resources from the server
→ Remove specific items from collection

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