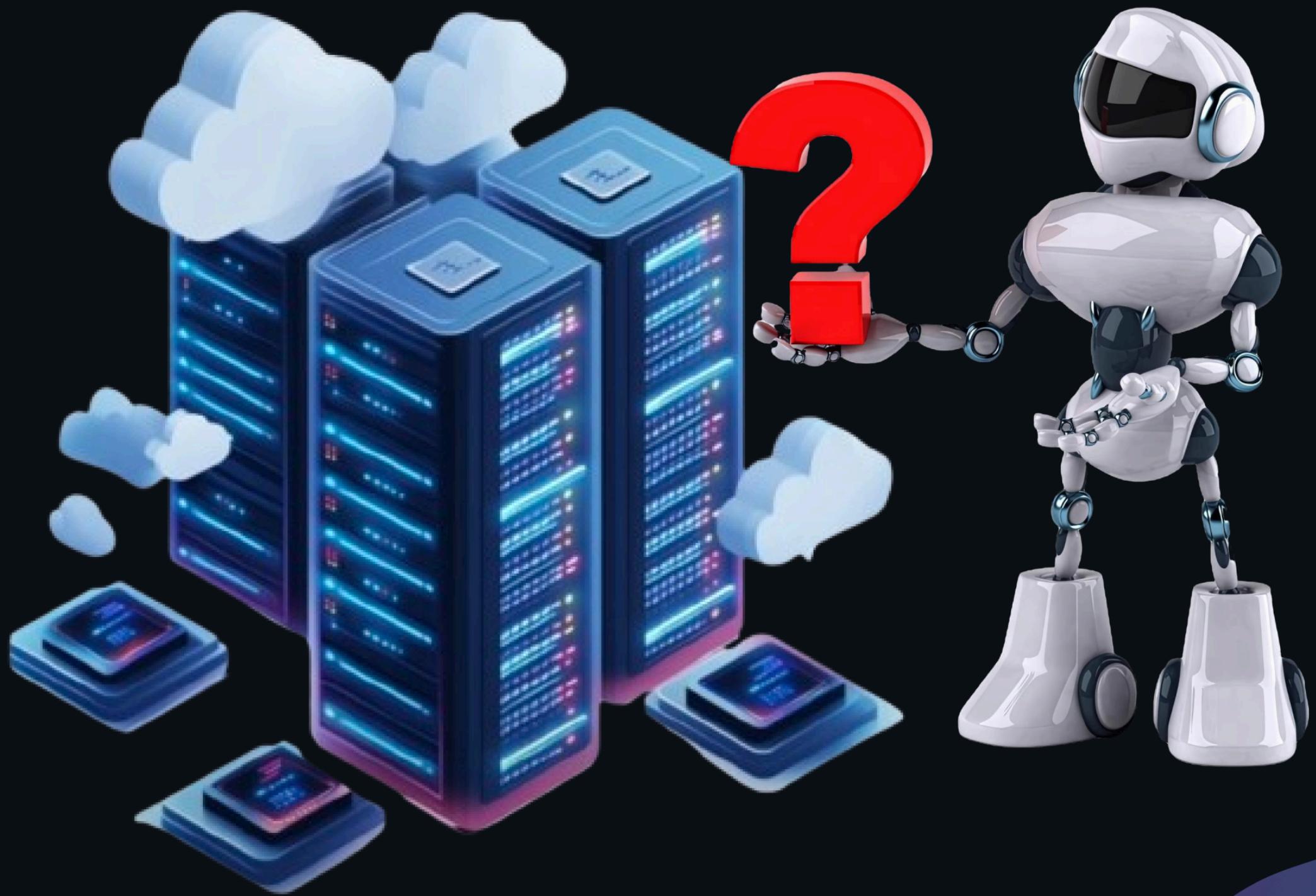


What exactly is a server? 🤔

{JS} **JavaScript Mastery**



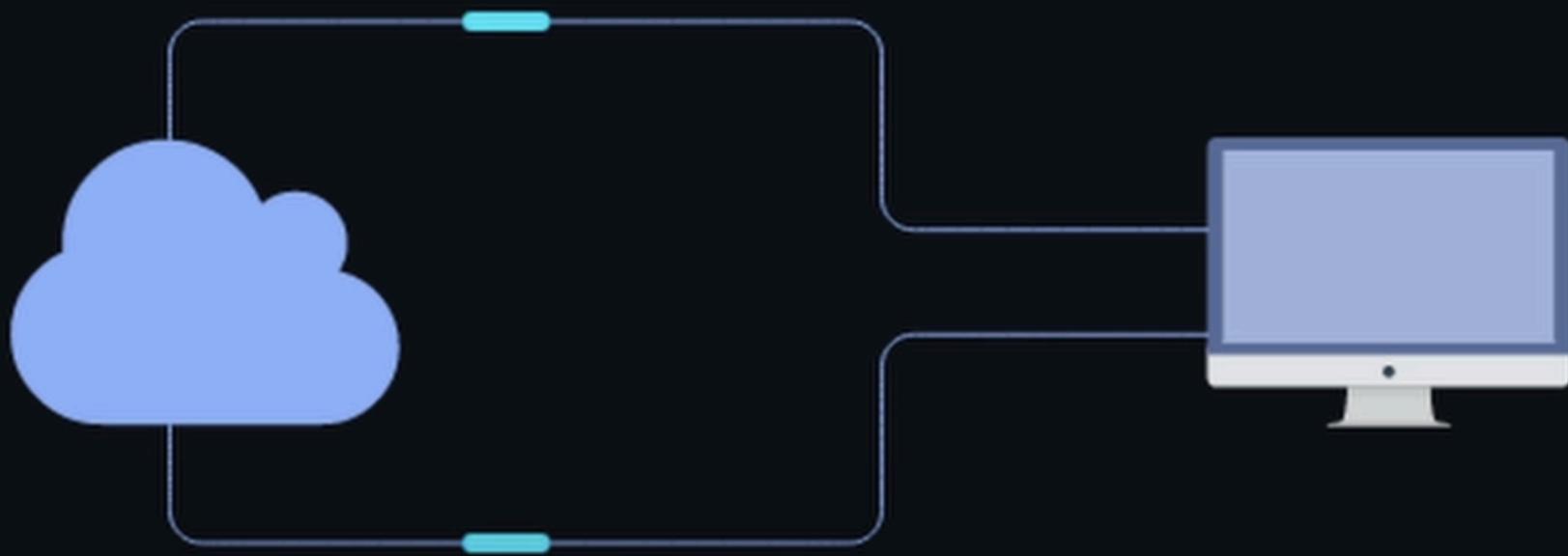
A server is a **powerful computer** designed to **store, process and send data.**

It's a **real machine**, sitting in a data center that you can **own or rent** through services like AWS.



On the server, we **store our backend code** - the logic that handles everything.

From **processing data** to **managing users** and **interacting with databases**.



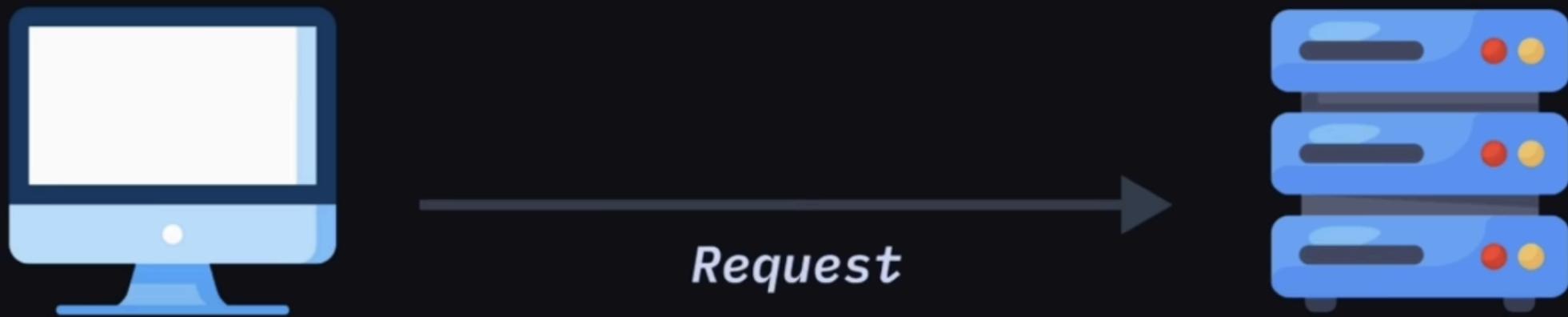
So, how does your **device (the client) communicate** with a random server **to get things done?**

Here's how...



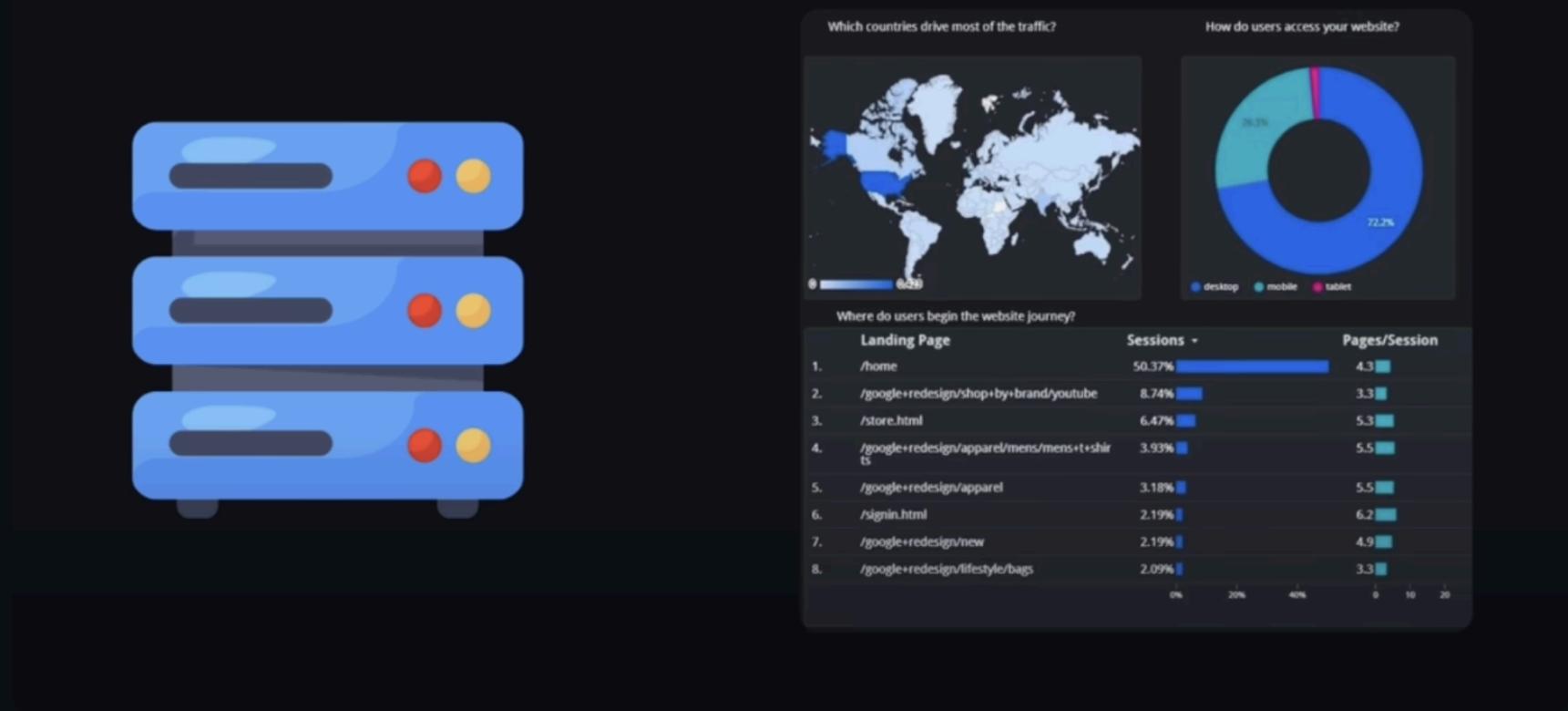
First, you make a **request**.

When you visit a website, search for something or log into an app, **your device sends a request over the internet.**



Then, that request **reaches a server** which processes it.

This server could **hold things** like website data, user accounts, or even **real-time** NVIDIA stock prices! 😊



Finally, the server **responds.**

Once it processes your request, it **sends back the data.** Whether it's a webpage, search results, or your messages.





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