

## What is block in Django? why we use block in html page?

In a master template (often called a base template), a `{% block %}` acts as a placeholder for content. You define a block with a specific name (e.g., `{% block content %}`), and this block will be replaced by content from child templates. The master template provides a structure, and child templates can override specific parts of it by filling in the blocks with their own content.

In child templates (templates that extend a master template), the `{% block %}` tag represents content that will replace the corresponding block in the master template. For example, consider a master template with a block named `userinfo`. A child template can provide its own content for this block, which will replace the placeholder in the master template.

The master template defines a block called `userinfo`. The child template (`mychild.html`) extends the master template using `{% extends "mymaster.html" %}`. Inside the child template, we override the `userinfo` block with our own content. When rendering the child template, the content within the `userinfo` block in the child template replaces the corresponding block in the master template. This allows you to create reusable templates while customizing specific sections as needed.