

- What is view and why it is used in Django ?
- In Django, a view is a fundamental component of the Model-View-Template (MVT) architecture. A view function in Django is a Python function that receives a web request and returns a web response. The response can be: HTML content for rendering a web page. A redirect to another page. A 404 error page. An XML document, an image, or any data that a web browser can display. Views handle the logic behind processing user requests and generating appropriate responses.
- User Interface Rendering: Views render HTML, CSS, and JavaScript from template files into what users see in their browsers.
- Controller Logic: Views correspond roughly to controllers in the Model-View-Controller (MVC) paradigm (although Django uses MVT). They handle user interactions, data processing, and business logic
- URL Routing: Views are associated with specific URLs. When a user accesses a URL, the corresponding view processes the request and returns the appropriate response.
- Customization and Reusability: Views allow developers to structure code, reuse logic, and create modular components.