What is view and why it is use in django

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- Request Handling: Views take an HTTP request as input and process it.
- Logic: Views contain the logic that decides what data should be retrieved, processed, and presented to the user.
- Data Interaction: Views interact with the Django models or other data sources to retrieve and manipulate data.
- Response: After processing the request, a view returns an HTTP response, which could be an HTML page, a redirect, a JSON response, or any other suitable format.
- Separation of Concerns: Views allow for a clear separation of concerns in your application. The logic for processing a request and generating a response is encapsulated within views.
- Reusability: Views can be reused across different parts of your application or even in different projects.
- Testability: Views can be easily tested, as they are modular units of functionality.
- Flexibility: Django views provide flexibility to handle various types of responses, making it easy to build web applications with different requirements.