



Django Views

Django Session-2



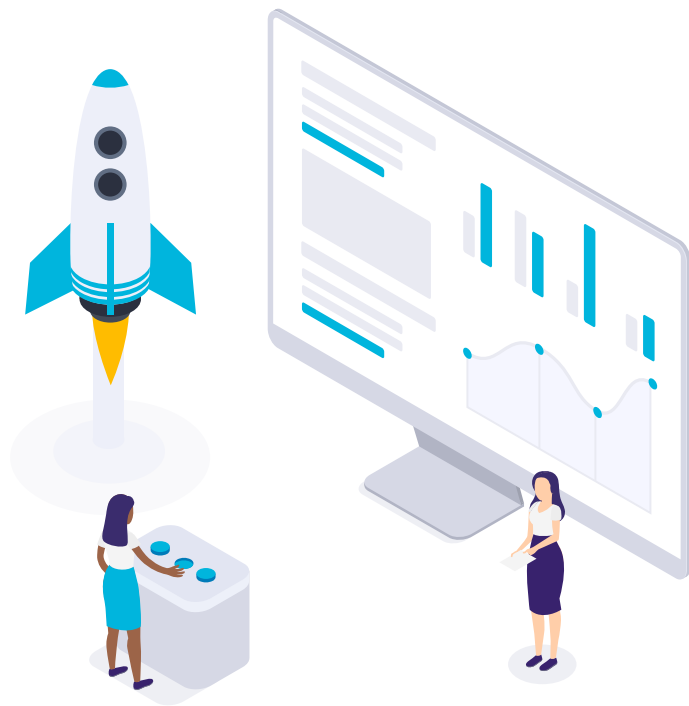
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1 What is View?



What is View?



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```
1. from django.shortcuts import render
2. from django.http import HttpResponse, HttpResponseRedirect
3. from django.views.decorators.csrf import csrf_exempt
4. from django.contrib.sessions.models import Session
5. from django.contrib.auth.decorators import login_required
6.
7. import redis
8.
9.
10.
11. #login_required
12. def home(request):
13.     comments = Comments.objects.select_related().all()[0:100]
14.     return render(request, 'index.html', locals())
15.
16. #csrf_exempt
17. def node_api(request):
18.     try:
19.         #Get User from sessionId
20.         session = Session.objects.get(session_key=request.POST.get('sessionId'))
21.         user_id = session.get_decoded().get('_auth_user_id')
22.         user = User.objects.get(id=user_id)
23.
24.         #Create comment
25.         Comments.objects.create(user=user, text=request.POST.get('comment'))
26.
27.         #Once comment has been created post it to the chat channel
28.         r = redis.StrictRedis(host='localhost', port=6379, db=0)
29.         r.publish('chat', user.username + ' : ' + request.POST.get('comment'))
30.
31.         return HttpResponse("Everything worked :)")
32.     except Exception, e:
33.         return HttpResponseRedirect(str(e))
```



Students, write your response!

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What is View?



Python class and/or a function

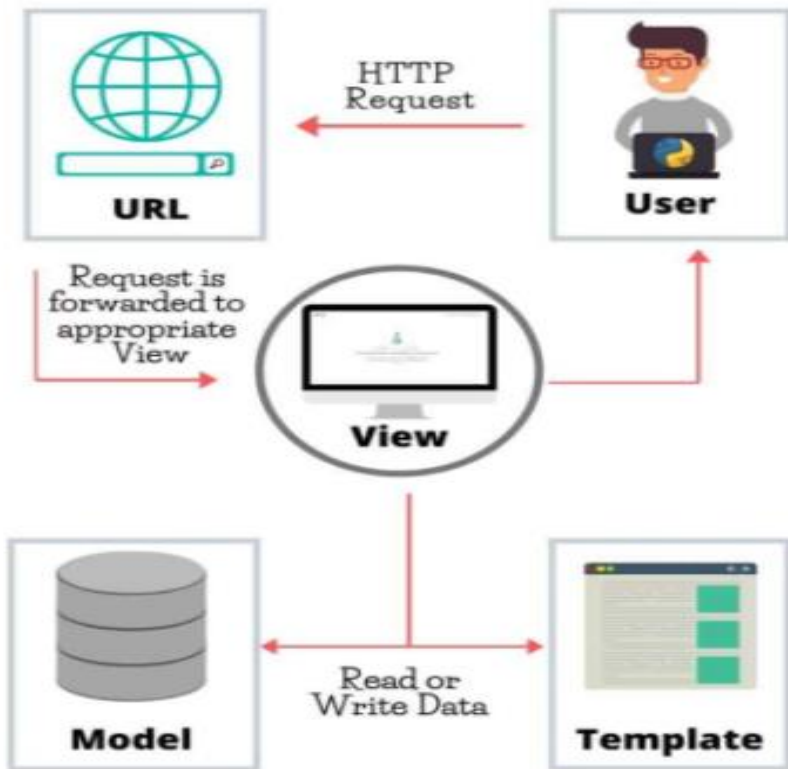
Takes a Web request and returns a Web response

Where we put the "logic" of our application.



What is View?

It will request information from the **model** you created before and pass it to a **template**.

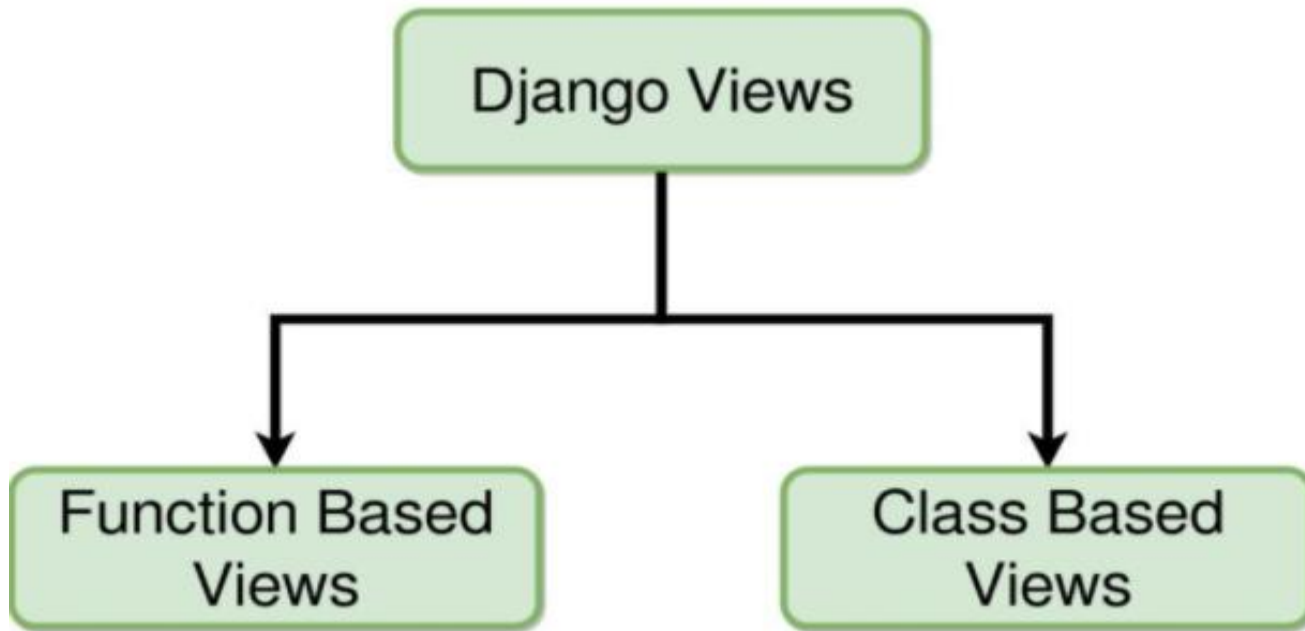




2 Type of Views



► Type of Views





THANKS!

Any questions?

