你關心的關鍵詞的情緒分析

Take a look at the demonstration website.

Let’s get started!



Step 0: Create a project by duplicating previous project

We will continue from our previous project.

Step1: Open the project with your favorite Editor

Open our project using VS Code.

Step 2: Create “app\_user\_keyword\_sentiment”

Step 2: Create a new APP named “app\_user\_keyword\_sentiment” in your website root.

python manage.py startapp app\_user\_keyword\_sentiment

Step3: (Optional)Copy data file to the dataset folder

We will use the preprocessed data file, so copy it into the dataset folder.

We have done this in our previous app.

Step 4: settings.py

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| |  | | --- | | ALLOWED\_HOSTS = ['\*']  INSTALLED\_APPS = [  …..  'app\_user\_keyword\_sentiment',  ] | |

Step 5: website\_configs/urls.py

website\_configs/urls.py

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| |  | | --- | | # user keyword sentiment  path('userkeyword\_senti/', include('app\_user\_keyword\_sentiment.urls')), | |

Step 6: app\_user\_keyword\_sentiment/urls.py

In folder app\_user\_keyword\_sentiment, create a Python file named “urls.py”.

app\_user\_keyword\_sentiment/urls.py

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| |  | | --- | | from django.urls import path  from . import views  app\_name="app\_user\_keyword\_sentiment"  urlpatterns = [  path('', views.home, name='home'),  path('api\_get\_userkey\_sentiment/', views.api\_get\_userkey\_sentiment),  path('api\_get\_userkey\_sentiment\_from\_remote\_api\_through\_backend/', views.api\_get\_userkey\_sentiment\_from\_remote\_api\_through\_backend),  ] | |

Step 7: views.py

從別處App叫用filter\_dataFrame

from app\_user\_keyword.views import filter\_dataFrame

後端呼叫他處API

由後端呼叫他處API，取得情感分析數據。

另一種方式是由前端呼叫遠端API

由後端呼叫比較有彈性。

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| @csrf\_exempt  def api\_get\_userkey\_sentiment(request):  userkey = request.POST['userkey']  cate = request.POST['cate']  cond = request.POST['cond']  weeks = int(request.POST['weeks'])      # 展示從後端呼叫API: Call internet sentiment API using requests  url\_api\_get\_sentiment = "http://163.18.23.20:8000/userkeyword\_senti/api\_get\_userkey\_sentiment/"  # Setup data for sentiment analysis request  sentiment\_data = {  'userkey': userkey,  'cate': cate,  'cond': cond,  'weeks': weeks  }  # Alternative way to call the sentiment API directly with requests  sentiment\_response = requests.post(url\_api\_get\_sentiment, data=sentiment\_data)  if sentiment\_response.status\_code == 200:  print("由後端呼叫他處API，取得情感分析數據成功!")  response\_sentiment = sentiment\_response.json()  return JsonResponse(response\_sentiment)  else:  print(f"Sentiment API error: {sentiment\_response.status\_code}")  print(f"呼叫失敗則進行本地處理資料")  return JsonResponse({'error': 'Failed to get sentiment analysis.'}) |

views.py

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Step 8: home.html

In the app folder, create a HTML file named “home.html”

app\_user\_keyword\_sentiment/templates/app\_user\_keyword\_sentiment/home.html

home.html

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Step 9: base.html

Step 10: Run server

python manage.py runserver 8000

What does your web page look like?