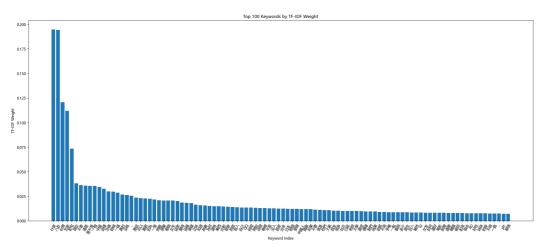
```
import requests
import jieba. analyse
from collections import Counter
response = requests.get(url)
if response.status_code == 200: # 確認狀態碼是 200 (OK)
      text = response.text # 取得回應的文字內容
else:
      print('Error: Failed to download file')
words = list(jieba.cut(text))
word_freq = Counter(words)
# 計算 TF-IDF
top_keywords = jieba.analyse.extract_tags(text, topK=100, withWeight=True)
result = []
for keyword, tfidf in top_keywords:
      if keyword in word freq:
             result.append((keyword, word_freq[keyword], tfidf))
result = sorted(result, key=lambda x: (x[1], x[2]), reverse=True)[:100]
# 輸出結果
for keyword, freq, tfidf in result:
      print(keyword, freq, tfidf)
    Building prefix dict from the default dictionary ...
    Loading model cost 0.719 seconds.
    Prefix dict has been built successfully.
     八卦 79119 0.19420501140555646
     什麼 57760 0.19464509600157406
     台灣 35851 0.12081408131496592
     怎麼 33196 0.11186701189176337
     可以 23236 0.022958278161416924
     肥宅 21771 0.07336596927026089
     是不是 21560 0.0355764318510935
     真的 16890 0.026822655692091746
     知道 14114 0.015811205555870015
     自己 13560 0.013466423468451874
     不是 11943 0.012758688475732879
     現在 11279 0.03800903805058438
     就是 11021 0.011178381502120506
     不會 10751 0.036229733848907944
     如果 10690 0.01195142064483163
    還是 10589 0.03568381096884812
      一個 10535 0.03550183667549485
     中國 10230 0.034474018907481
     一堆 10098 0.021680457381807062
    這樣 9671 0.0325902479818425
     有人 9666 0.013674560834915146
     怎樣 8861 0.029860633581543415
    時候 8806 0.02967528939386879
     女生 8630 0.02055531365074145
     日本 8594 0.012127572493474573
      一樣 8514 0.028691280252032575
     到底 8471 0.013855929767928526
     不要 8245 0.011371977189677437
     大家 7886 0.010829155333451544
     沒有 7745 0.026099831518909124
     ... 7547 0.02543259244328046
     很多 7488 0.010254718969681581
     應該 7003 0.02359936993246231
     喜歡 6782 0.02285462328744244
     因為 6652 0.022416537025666042
     看到 6323 0.008670900198239207
     朋友 6303 0.010388757432612226
     問題 6177 0.020815837223021518
     感覺 6147 0.020714740393380813
     哪個 6126 0.020643972612632316
     如何 6007 0.008088109356327164
    這麼 5924 0.019963253959718225
     多少 5830 0.008670105043160773
     一直 5686 0.007303212591178013
     覺得 5527 0.01862540591413954
     這種 5414 0.01824460785582621
     美國 5358 0.018055893773830226
     不用 5230 0.00885884470039901
     根本 4952 0.007719534763027918
     正妹 4833 0.016286699255117856
     其實 4623 0.01557902144763291
```

```
為何 4464 0.015043208250537165 還有 4373 0.014736547867293687 車西 4368 0.014719698395686903
```

```
import matplotlib.pyplot as plt
result_weight = sorted(result, key=lambda x: x[2], reverse=True)[:100]
plt.rcParams['font.family'] = 'Microsoft YaHei'
x = range(len(result_weight))
y = [item[2] for item in result_weight]
plt.figure(figsize = (25,10))
plt.bar(x, y)
plt.xticks(range(len(result)), [keyword for keyword, freq, tfidf in result_weight], rotation=60)
plt.xlabel("Keyword Index")
plt.ylabel("TF-IDF Weight")
plt.title("Top 100 Keywords by TF-IDF Weight")
```

plt.show()



```
result_fre = sorted(result, key=lambda x: x[1], reverse=True)[:100]
x = range(len(result_fre))
y = [item[1] for item in result_fre]
plt.figure(figsize = (25,10))
plt.bar(x, y)
plt.xlabel("Keyword Index")
plt.ylabel("Frequency")
plt.title("Top 100 Keywords by Frequency")
plt.titles(x, [keyword for keyword, freq, tfidf in result_fre], rotation=60)
plt.show()
```

from wordcloud import WordCloud
res_fre = [x[0] for x in result_fre]
result_32 = " ".join(res_fre[:32])

生成文字雲

wc = WordCloud(width=800, height=800, background_color='white', font_path='msyh.ttc', max_words=32).generate(result_32)

繪製文字雲

plt.figure(figsize=(8, 8), facecolor=None)

plt.imshow(wc)

plt.axis("off")

plt.tight_layout(pad=0)

plt.show()

