法人圖形程式碼

'''買賣超用柱狀圖or燭台圖表現+該法人的持股數'''

from ast import keyword

import pandas as pd

import plotly.express as e

import plotly.graph\_objects as go

items=str(3231)#2324,'2357','2365','2382','2809','2832','2849','2886','2891','3231']

keyword=items

df=pd.read\_csv(keyword+'法人資料.csv',encoding='Big5')

df1=pd.read\_csv(keyword+'今年收盤價.csv',encoding='Big5')

df1['收盤價']=pd.to\_numeric(df1['收盤價'].str.replace("[,]",""))

df['外資']=pd.to\_numeric(df['外資'].str.replace("[,]",""))

df['外資買賣超']=pd.to\_numeric(df['外資買賣超'].str.replace("[,]",""))

df['投信買賣超']=pd.to\_numeric(df['投信買賣超'].str.replace("[,]",""))

df['自營商買賣超']=pd.to\_numeric(df['自營商買賣超'].str.replace("[,]",""))

df['買賣超總計']=pd.to\_numeric(df['買賣超總計'].str.replace("[,]",""))

df['投信']=pd.to\_numeric(df['投信'].str.replace("[,]",""))

df['自營商']=pd.to\_numeric(df['自營商'].str.replace("[,]",""))

fig1=e.line(df,x=df['日期'],y=df['外資'],title=keyword+'外資')#外資

fig2=e.line(df,x=df['日期'],y=df['投信'],title=keyword+'投信')

fig3=e.line(df,x=df['日期'],y=df['自營商'],title=keyword+'自營商')

fig4=e.line(df1,x=df1['日期'],y=df1['收盤價'],title=keyword+'收盤價')

fig5=go.Figure()

#fig1.show()

#fig2.show()

#fig3.show()

#fig4.show()

fig5.add\_traces(go.Scatter(x=df['日期'],y=df['外資買賣超'],name='外資'))

fig5.add\_traces(go.Scatter(x=df['日期'],y=df['投信買賣超'],name='投信'))

fig5.add\_traces(go.Scatter(x=df['日期'],y=df['自營商買賣超'],name='自營商'))

fig5.add\_traces(go.Bar(x=df['日期'],y=df['外資買賣超'],name='外資柱狀圖'))

fig5.add\_traces(go.Bar(x=df['日期'],y=df['投信買賣超'],name='投信柱狀圖'))

fig5.add\_traces(go.Bar(x=df['日期'],y=df['自營商買賣超'],name='自營商柱狀圖'))

#fig5.show()

fig1.write\_html(keyword+'外資持股數.html')

fig2.write\_html(keyword+'投信持股數.html')

fig3.write\_html(keyword+'自營商持股數.html')

fig4.write\_html(keyword+'今年收盤價.html')

fig5.write\_html(keyword+'三大法人買賣超.html')