<pre>import pandas as pd import numpy as np</pre>	s libraire ting all the requi utifulSoup import Request, ur		es which will	l help us in :	scrapping the d	lata.			
from selenium.webdri from selenium.webdri from selenium.webdri from selenium import import time Appel initial au In this block we do HTML details and use	iver.support import iver.common.by import webdriver Site Web	t expected_co	onditions as		ibrary helps us	s to parse the			
	ne is used to over ent': 'Mozilla/5.0 et(url, headers=he code() Tending stock ons en vogue sont préses es détails HTML, puis e	come the iss '} aders) KS: sentes en haut d	e la page et il y	v a 6 blocs différe	ents qui montrent d	quelles actions de la so	ciété sont en vogue	·	avoir obtenu les résultats du blo ment dans le fichier html rendu.
172.19 2	Alphabet A 2,771.74 3 56.87 -2.01%	Meta Platforms 326.48 6.78 -2.03%	JPMorga 168.23 -0.21 -0.	.12% +0.	.78 50 +0.74%	Tesla 1,031.56 -74.66 -6.75%			
<pre>data_for_marketChart Organization= [] Share_Value= [] Increase_Decrease= [Pchange = [] for details in data_ Organization.apper Share_Value.append Increase_Decrease. Pchange.append(det marketChart =pd.Data marketChart</pre>	[] _for_marketChart: nd(details.find_al d(details.find_all .append(details.fi tails.find_all('sp	#looping th l('a',attrs={ ('div',attrs= nd_all('span' an')[1].text)	rough the pa ["class":"bo] :{"class":"bo)[0].text)	arse html filo ld block"})[0 old"})[0].tex	e and accessing].text) t)	ı details through e		, "Pchange": Pcha	ange})
1 Alphabet A 2,78 2 Meta Platforms 33 3 Tesla 1,04 4 Amazon.com 3,24	89.61 +17.8 31.90 +5.4 49.61 +18.0 42.76 +18.4 32.83 -0.2	88 +0.51% 87 +0.64% 42 +1.66% 05 +1.75% 48 +0.57% 14 -0.42%	ularitv:						
-	é des actions sont prés s avons accédé à la va cks by Popula	sentés dans un ç riable et obtenu	graphique à bar		/eb. Après une obs	servation attentive, vous	s pouvez voir que les	s données du graphic	que ont été stockées dans une v
% Popularity									
text_data = result.t Popularity_data=[] pattern = re.compiled d=pattern.findall(te	e(r"var stockPopul ext_data)	arityData =.'	") #Used Reg	gex to access	the variable o	lata			
stockPopularityData stockPopularityData percentage pa 0 15.742025 1 11.858530 A 2 11.650485 Meta 3 3.814147	ularityData: ppend(stockPopular = pd.DataFrame(Po	ityData[key]) pularity_data index 1 2 3 4	#itereatir			value of the dict	ionary		
5 2.773925 6 2.635229 7 2.635229 Sunce 8 2.635229 Bionano (9 2.565881 Velod 10 2.427184 11 2.427184 Ba 12 2.427184 First Maje 13 2.288488 Denis	Pinterest -0.42 Molycorp 0.00 for Energy +1.31 Genomics +0.39 dyne Lidar -0.72 NVIDIA +1.38 arrick Gold -0.80 estic Silver -1.97 son Mines -1.46	6 7 8 9 10 11 12 13							
près avoir obtenu toutes ction a un changement de stockPopularityData stockPopularityData stockPopularityData stockPopularityData percentage pa 0 15.742025 1 11.858530 A	e paire négatif et quelle ['pair_change'] = ['positive'] = np.w air_name pair_change Apple 0.51 Alphabet A 0.64	raphique à barre e action a un ch stockPopulari here(stockPop index positive 1 green 2 green	angement posit	tif. Cela nous aid	dera à tracer des b	arres de différentes cou	uleurs. Ensuite, nous	avons utilisé la bibli	c créé une nouvelle colonne qui othèque Motplotlib pour recréer ext format
3 3.814147 4 2.843273 Ama 5 2.773925 6 2.635229 Sunca 8 2.635229 Bionano C 9 2.565881 Velod	Platforms 1.66 Tesla 1.75 azon.com 0.57 Pinterest -0.42 Molycorp 0.00 for Energy 1.31 Genomics 0.39 dyne Lidar -0.72 NVIDIA 1.38 arrick Gold -0.80	4 green 5 green 6 red 7 red 8 green 9 green 10 red 11 green							
2.427184 First Majes 2.288488 Denis 2.219140 Kind import numpy as np import matplotlib.py plt.figure(figsize=(#Defining the X and x = stockPopularity[y = stockPopularity[plt.bar(x, y,color =	estic Silver -1.97 son Mines -1.46 uross Gold -1.41 yplot as plt (12,5)) Y axis values Data.pair_name.tol Data.percentage.to stockPopularityD	13 red 14 red 15 red ist() list()							
plt.xticks(rotation=xlocs, xlabs = plt.x#To show the percent for i, v in enumerate nv = "{:.2f}".fc plt.text(xlocs[iplt.ylabel('% Popula plt.show()) 16 - 15.74% 14 - 12 - 11.86% j	=90) xticks() tage of popularity te(y): ormat(v) i] - 0.25, v + 0.1 arity')	above the ba	ar						
6 - 4 - 2 - 0	Meta Platforms - Tesla - Amazon.com - Pinterest - Pinterest -	Molycorp - 2.64% Suncor Energy - 4.00	Velodyne Lidar	Barrick Gold - 8757 % 7579 % 7	Senison Mines - Senison Mines				
3.3. Scrape the comme pour notre deuxière vons obtenu nos données Trending Stoc Top 30 trendi	me tâche, les détails d s. cks by Secto	les actions de te		elle sont égalem	nent présents dans	une variable sectorPop	oularityData. De mêr	ne, nous avons accè	s aux détails de la variable par l
Num. of Trending Stocks									
O Consumer Discretionary	Financial Information Facting Commit	Junication Services	Energy	Industrials Hea	Strhcare Consumer Staples	Julitues			
text_data = result.t Sector_data=[] pattern = re.compile d=pattern.findall(te sectorPopularityData for key in sectorPop Sector_data.appe sectorPopularityData sectorPopularityData	e(r"var sectorPopu ext_data) a=eval(d[0].split(pularityData: end(sectorPopulari a = pd.DataFrame(S	'=')[1][:-1]) tyData[key]) ector_data) sectorPair	#itereatir s			data I value of the dict	ionary		
6 Real Estate	{'6369': {'pair_change': ' {'6408': {'pair_change': ' {'6435': {'pair_change': ' {'7891': {'pair_change': ' {'7989': {'pair_change': ' {'8135': {'pair_change': {'32519': {'pair_change':	'+17.87'}, '6378': {'. '+0.88'}, '6497': {'p. +18.48'}, '13845': {0.080'}, '13928': {0.59'}, '1096240': . '-2.39'}, '20787': {'.							
all_pairs.ap sectorPopularityData sectorPopularityData sectorPopularityData	r_data: alues['sectorPairs ppend([values['sec a = pd.DataFrame(a a['Pair_change'] =	'].items(): torName'],ids ll_pairs,colu sectorPopula	s,va['pair_ch	nange']]) #Acc	cessed the indi rPairs','Pair_c	vidual details of	nested dictionar	ies as we see abo	ove I data is in text format
 Financial Financial Communication Services Communication Services Communication Services Communication Services Communication Services 	15358 -0. 5 6369 17. 5 6378 2. 5 26490 5.	.3400 .1000 .8700 .0200 .4200							
6 Information Technology7 Information Technology	y 6408 0. y 6497 3.	.8800 .6700							
	y 6408 0. y 6497 3. y 1096533 -0. y 6435 18. y 13845 -5. y 13994 18. y 941155 0. y 1123577 0. s 7891 -0. s 13928 -0. s 13930 -0.								
7 Information Technology 8 Information Technology 9 Consumer Discretionary 10 Consumer Discretionary 11 Consumer Discretionary 12 Consumer Discretionary 13 Consumer Discretionary 14 Materials 15 Materials 16 Materials 17 Materials 18 Materials 19 Materials 19 Materials 20 Healthcare 21 Healthcare 22 Healthcare 23 Real Estate 26 Real Estate	y 6408 0. y 6497 3. y 1096533 -0. y 6435 18. y 13845 -5. y 13994 18. y 941155 0. s 7891 -0. s 13928 -0. s 13930 -0. s 32319 -0. s 34142 0. s 34405 -0. e 7989 -0. e 1096240 0. e 1096506 0. e 20787 -0. e 39285 -0.	.6700 .0300 .4800 .8300 .0500 .4300 .0200 .0800 .1500 .3500 .0000 .2100 .0000 .0063 .5900 .4100 .0100 .3900 .3600							
7 Information Technology 8 Information Technology 9 Consumer Discretionary 10 Consumer Discretionary 11 Consumer Discretionary 12 Consumer Discretionary 13 Consumer Discretionary 14 Materials 15 Materials 16 Materials 17 Materials 18 Materials 19 Materials 19 Materials 20 Materials 21 Healthcare 22 Healthcare 23 Healthcare 24 Real Estate 25 Real Estate 26 Real Estate 27 Energy 28 Energy 29 Consumer Staples #Preprocessed further sectorPopularityData sectorPopularityData sectorPopularityData sectorPopularityData	9 6408 0. 9 6497 3. 9 1096533 -0. 9 6435 18. 9 13845 -5. 9 13994 18. 9 941155 0. 9 1123577 0. 6 7891 -0. 6 13928 -0. 6 13945 0. 6 32319 -0. 6 34142 0. 6 34405 -0. 6 7989 -0. 6 1096506 0. 6 1096506 0. 6 1096506 0. 7 8135 -2. 7 825 -0. 8 32519 0. 9 32519 0. 9 33982 -0. 9 33982 -0. 9 33982 -0. 9 33982 -0. 9 33982 -0. 9 33982 -0.	.6700 .0300 .4800 .8300 .0500 .4300 .0200 .0800 .1500 .3500 .0000 .2100 .0000 .0063 .5900 .4100 .0100 .3900 .3600 .2100 .3700 .0200 .3100	oupby('secto)).unstack()
7 Information Technology 8 Information Technology 9 Consumer Discretionary 10 Consumer Discretionary 11 Consumer Discretionary 12 Consumer Discretionary 13 Consumer Discretionary 14 Materials 15 Materials 16 Materials 17 Materials 18 Materials 19 Materials 19 Materials 20 Materials 21 Healthcare 22 Healthcare 23 Healthcare 24 Real Estate 25 Real Estate 26 Real Estate 27 Energy 28 Energy 29 Consumer Staples #Preprocessed furthe sectorPopularityData sectorPopularityData sectorPopularityData sectorPopularityData sectorPopularityData sectorPopularityData sectorPopularityData sectorPopularityData sectorName Communication Services Consumer Discretionary Consumer Staples Energy Financial Healthcare Information Technology Materials Real Estate	6408 0. 9 6497 3. 9 1096533 -0. 9 6435 18. 9 13845 -5. 9 13994 18. 9 941155 0. 9 1123577 0. 13928 -0. 13930 -0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13930 -0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13946 0. 13947 0. 13948 -0. 13949 -0	.6700 .0300 .4800 .8300 .0500 .4300 .0200 .0800 .1500 .3500 .0000 .0063 .5900 .4100 .0100 .3900 .3600 .2100 .3700 .0200 .3100 .0200 .3100	oupby('sectorsitive'] #cr	reated a new o	data frame stat	ing howmany +ve an	d -ve stocks und)).unstack()
7 Information Technology 8 Information Technology 9 Consumer Discretionary 10 Consumer Discretionary 11 Consumer Discretionary 12 Consumer Discretionary 13 Consumer Discretionary 14 Materials 15 Materials 16 Materials 17 Materials 18 Materials 19 Materials 19 Materials 20 Materials 21 Healthcare 22 Healthcare 23 Healthcare 24 Real Estate 25 Real Estate 26 Real Estate 27 Energy 28 Energy 29 Consumer Staples #Preprocessed further sectorPopularityData	6408 0.4 6497 3.5 7 1096533 -0.5 7 6435 18.6 7 13845 -5.7 7 13994 18.7 7 1123577 0.7 8 7 891 -0.7 8 13928 -0.7 8 13930 -0.7 8 13945 0.7 8 13940 0.7 8 13945 0.7 8 13945 0.7 8 13945 0.7 8 13945 0.7 8 13945 0.7 8 13945 0.7 8 13945 0.7 8 13945 0.7 8 13945 0.7 8 13945 0.7 8 13945 0.7 8 13946 0.7 8 13946 0.7 8 1096506 0.7 8 1173264 0.7 8 11	.6700 .0300 .4800 .8300 .0500 .4300 .0200 .0800 .1500 .3500 .0000 .0063 .5900 .4100 .0100 .3900 .3600 .2100 .3700 .0200 .3100 given bar charityData.gr Negative','Po	sort_values(du prix, c	(['Negative', de la perfo	'Positive'], asconding the common of the com	ending =False) #So ela technique ical Fundamental Vol. Time	d -ve stocks und	er same Sector	
Information Technology Information Technology Consumer Discretionary Materials Real Estate Mealthcare Mealthcare Mealthcare Consumer Staples ##Preprocessed further SectorPopularityData S	6408 0. 6497 3. 7 1096533 -0. 6435 18. 7 13845 -5. 7 13994 18. 7 941155 0. 7 1123577 0. 7 891 -0. 7 13928 -0. 7 13945 0. 7 13946 0.	.6700 .0300 .4800 .8300 .0500 .4300 .0200 .0800 .1500 .3500 .0000 .0063 .5900 .4100 .0100 .3900 .3600 .2100 .3700 .0200 .3100 .3700 .0200 .3100 given bar charityData.gr Negative', 'Po .40 2,803.76 .58 329.58 .23 160.88 .44 1,042.78 .45 3,244.64 .96 270.27 .45 3,244.64 .96 270.27 .47 858.78	sort_values(Low 7 171.28 8 2,739.97 8 321.21 9 157.53 6 65.08 9 1,013.38 9 3,196.01 262.10 6 54.65 832.87	Chg. +0.50 +22.66 +2.10 -8.00 -1.60 +2.88 +9.17 +3.21 -0.42 -14.81	'Positive'], ascontinuo (hata frame state) 'Positive'], ascontinuo (hata frame) 'Posi	ending =False) #So ela technique ical Fundamental Vol. Time 4M 09:51:05 ② 35K 09:51:07 ② 31M 09:51:06 ③ 31M 09:51:06 ③ 31M 09:51:06 ③ 31M 09:51:07 ③ 31M 09:51:07 ③ 31M 09:51:07 ③ 31M 09:51:07 ③ 32K 09:51:07 ③ 33M 09:51:07 ③ 33M 09:51:07 ③ 34M 09:51:07 ③ 35K 09:51:07 ③	d -ve stocks und	er same Sector	
Information Technology Information Technology Consumer Discretionary Materials Real Estate Real Estate Real Estate Consumer Staples Merroressed further SectorPopularityData SectorName Communication Services Consumer Staples Materials Metalthcare Financial Healthcare Communication Services Consumer Staples Materials MesectorPopularityData SectorName Communication Services Consumer Staples Alphabet A Materials SectorPopularityData SectorPopularityData SectorPopularityData Materials MesectorPopularityData SectorPopularityData SectorName Consumer Staples Alphabet A Materials Materials Materials Materials Materials Materials Materials Real Estate Consumer Staples Materials Materials Materials Materials Real Estate Tenergy Consumer Staples Materials Materia	6408 0. 6497 3. 9 1096533 -0. 9 6435 18. 9 13845 -5. 9 13994 18. 9 941155 0. 9 1123577 0. 7 891 -0. 13928 -0. 13928 -0. 13930 -0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13945 0. 13946 0. 1096506 0. 1096506 0. 1096506 0. 1096506 0. 1096506 0. 1173264 0. 11732	.6700 .0300 .4800 .8300 .0500 .4300 .0200 .0800 .1500 .3500 .0000 .2100 .0000 .0063 .5900 .4100 .0100 .3900 .3600 .2100 .3700 .0200 .3100 given bar ch larityData.gr Negative','Po .40 2,803.76 .58 329.58 .23 160.88 .41 1,042.79 .45 3,244.64 .96 270.21 .45 3,244.64 .96 270.21 .77 858.78 .99 55.20 .00 121.44 .85 96.38 .18 85.13 .20 134.36 .86 522.08 .18 85.13 .20 134.36 .86 522.08 .18 85.13 .20 134.36 .86 522.08	sort_values (sitive'] #cri sort_values (du prix, c 171.28 2,739.97 321.21 157.53 65.08 1,013.38 3,196.01 262.10 54.65 832.87 54.53 115.71 94.42 84.18 131.88 516.02 4 onglets différcupérons les de	Chg. +0.50 +22.66 +2.10 -8.00 -1.60 +2.88 +9.17 +3.21 -0.42 -14.81 +0.06 -3.48 +0.23 -0.72 +1.83 -1.34 rents à parcourir étails web par le	'Positive'], aso 'Positive'], aso Ormance Techn Chg. % +0.29% 9.4 +0.82% 223.3 +0.64% -2.37% 6.5 +0.28% 5.3 +0.28% 5.3 +0.28% 379.6 +1.21% 6.5 -0.76% 4.0 -1.71% 174.5 +0.10% 2.5 -2.85% 597.4 +0.25% 1.7 -0.85% 759.8 et à extraire toute et biais du pilote Sel	ending =False) #So le la technique ical Fundamental Vol. Time IAM 09:51:05 © 35K 09:51:07 © 30M 09:51:06 © 30M 09:51:06 © 30M 09:51:06 © 30M 09:51:07 © 30M 09:51:08 © 30M 09:51:09 © 47K 09:51:09 © 44K 09:50:57 © 38 les données possibles	rting the data e et des dor s. Pour cette tâche, j	nées fondai	
Information Technology 8 Information Technology 9 Consumer Discretionary 10 Consumer Discretionary 11 Consumer Discretionary 12 Consumer Discretionary 13 Consumer Discretionary 14 Materials 15 Materials 16 Materials 17 Materials 18 Materials 19 Materials 19 Materials 20 Materials 21 Healthcare 22 Healthcare 23 Healthcare 24 Real Estate 25 Real Estate 26 Real Estate 27 Energy 28 Energy 29 Consumer Staples #Preprocessed further sectorPopularityData sectorP		### ##################################	sort_values(sitive'] #cr sort_values(du prix, c) 171.28 2,739.97 321.21 157.53 65.08 1,013.38 3,196.01 262.10 54.65 832.87 54.53 115.71 94.42 84.18 6 131.88 6 516.02 4 onglets différ cupérons les de chrome driver	Chg. +0.50 +22.66 +2.10 -8.00 -1.60 +2.88 +9.17 +3.21 -0.42 -14.81 +0.06 -3.48 +0.23 -0.72 +1.83 -1.34 rents à parcourir étails web par le	'Positive'], ascontinued at a frame state of the state of	ending =False) #So le la technique ical Fundamental Vol. Time AM 09:51:05 © 35K 09:51:07 © 30M 09:51:06 © 30M 09:51:06 © 30M 09:51:07 © 30M 09:51:09 © 47K 09:51:05 © 30M 09:51:09 © 44K 09:50:57 © 31 les données possibles enium et les traitons po	rting the data e et des dor s. Pour cette tâche, j	nées fondai	mentales.
### Information Technology Consumer Discretionary	6408 0. 6497 3. 7 6497 3. 7 1096533 -0. 8 6435 18. 9 13845 -5. 9 13994 18. 9 1123577 0. 13928 -0. 13928 -0. 13930 -0. 13945 0. 13946 0. 1096240 0. 1096240 0. 1096506 0. 1096506 0. 1096506 0. 1096506 0. 1173264 0. 1096506 0. 1173264 0. 117326	### ##################################	sort_values(sitive'] #cr sort_values(du prix, C 171.28 2,739.97 321.21 157.53 65.08 1,013.38 3,196.01 262.10 54.65 832.87 54.53 115.71 94.42 84.18 5131.88 516.02 4 onglets différcupérons les de controlles de	Chg. +0.50 +22.66 +2.10 -8.00 -1.60 +2.88 +9.17 +3.21 -0.42 -14.81 +0.06 -3.48 +0.23 -0.72 +1.83 -1.34 rents à parcourir étails web par le comedriver.exc	'Positive'], ascontinue of the commance of the	ending =False) #So e la technique ical Fundamental Vol. Time AM 09:51:05 © 35K 09:51:07 © 3M 09:51:06 © 3M 09:51:06 © 3M 09:51:06 © 3M 09:51:07 © 3M 09:51:07 © 3M 09:51:07 © 3M 09:51:08 © 3M 09:51:09 © 47K 09:51:09 © 3M 09:51:09 © 44K 09:50:57 © seles données possibles denium et les traitons possibles denium et	e et des don s. Pour cette tâche, jour obtenir nos donn	rai utilisé la bibliothècées.	mentales.
### Information Technology ### Information Technology ### Consumer Discretionary ### Consumer Staples ### Consumer Staples ### Consumer Staples ### Consumer Discretionary ### Consumer Discretionary ### Consumer Staples ### Consumer Discretionary #### Consumer Discretionary ##### Consumer Discretionary ###################################	6408	### ##################################	coupby('sectorsitive'] #crossitive'] #crossi	Chg. +0.50 +22.66 +2.10 -8.00 -1.60 +2.88 +9.17 +3.21 -0.42 -14.81 +0.06 -3.48 +0.23 -0.72 +1.83 -1.34 rents à parcourir étails web par le comedriver.exc	'Positive'], ascontinuo data frame stati 'Positive'], ascontinuo data f	ending =False) #So le la technique ical Fundamental Vol. Time 14M 09:51:05 ① 15K 09:51:06 ② 16M 09:51:06 ③ 16M 09:51:06 ③ 16M 09:51:07 ③ 17M 09:51:07 ③ 17M 09:51:07 ③ 17M 09:51:07 ③ 17M 09:51:07 ③ 17K 09:51:07 ③ 17K 09:51:07 ③ 17K 09:51:09 ③ 14K 09:50:57 ③ 15 les données possibles denium et les traitons possible	e et des dorn s. Pour cette tâche, jour obtenir nos donn sk rc Cookie Consen	rai utilisé la bibliothècées.	mentales.
### Information Technology #### Information Technology #### Information Technology #### Information Technology #### Information Technology ##### Information Technology ##### Information Technology ##### Information Technology ###### Information Technology ###################################		6700 0300 0300 4800 8300 0500 04300 0200 0800 05500 3500 00000 2100 0000 0063 5900 4100 0100 3900 3600 2100 3700 0200 3100 0200 03100 03900 03600 03700 0300 0300 0300 0300 0300	coupby('sectors' coupby('sectors') #crostive'] #crosti	Chg. +0.50 +22.66 +2.10 -8.00 -1.60 +2.88 +9.17 +3.21 -0.42 -14.81 +0.06 -3.48 +0.23 -0.72 +1.83 -1.34 rents à parcourir étails web par le comedriver.exc click process the file all ('tbody') all ('table') all ('table') coreprocessing apreprocessing appreprocessing a	'Positive'], ascontinuo data frame stati 'Positive'], ascontinuo data function 'Positive'], ascontinuo data functio	### Process our talental part of the process our talental part of	s. Pour cette tâche, jour obtenir nos donn sk ce et des dor csv") csv") csv")	rai utilisé la bibliothècées.	mentales.
7 Information Technology 8 Information Technology 9 Consumer Discretionary 10 Consumer Discretionary 11 Consumer Discretionary 12 Consumer Discretionary 13 Consumer Discretionary 14 Materials 15 Materials 16 Materials 16 Materials 17 Materials 18 Materials 18 Materials 19 Materials 19 Materials 19 Materials 10 Materials 10 Materials 11 Healthcare 12 Healthcare 12 Healthcare 12 Healthcare 12 Healthcare 12 Healthcare 13 Healthcare 14 Real Estate 15 Real Estate 16 Real Estate 17 Energy 18 Energy 19 Consumer Staples 19 Consumer Staples 19 Consumer Discretionary 10 Consumer Discretionary 11 Consumer Discretionary 12 Consumer Discretionary 13 Consumer Discretionary 14 Consumer Discretionary 15 Consumer Discretionary 16 Consumer Discretionary 17 Consumer Staples 18 Energy 18 Financial 19 Healthcare 19 Consumer Discretionary 20 Consumer Discretionary 21 Consumer Discretionary 22 Consumer Discretionary 23 Consumer Discretionary 24 Consumer Discretionary 25 Consumer Discretionary 26 Consumer Discretionary 27 Consumer Staples 28 Energy 29 Consumer Discretionary 20 Consumer Discretionary 20 Consumer Staples 20 Consumer Discretionary 20 Consumer Discretionary 21 Consumer Staples 22 Consumer Discretionary 23 Consumer Discretionary 24 Consumer Discretionary 25 Consumer Discretionary 26 Consumer Discretionary 26 Consumer Discretionary 27 Consumer Staples 28 Energy 29 Consumer Staples 29 Consumer Staples 20 Consumer Staples 20 Consumer Staples 20 Consumer Staples 20 Consumer Staples 21 Consumer Staples 22 Healthcare 23 Healthcare 24 Real Estate 25 Real Estate 26 Real Estate 27 Energy 28 Energy 29 Consumer Staples 20 Consumer Staples 20 Consumer Staples 20 Consumer Staples 20 Consumer Staples 21 Consumer Staples 22 Healthcare 23 Healthcare 24 Real Estate 25 Real Estate 26 Real Estate 27 Energy 28 Consumer Staples 29 Consumer Staples 20 Consumer Staples 20 Consumer Staples 20 Consumer Staples 20 Consumer Staples 21 Consumer Staples 22 Consumer Staples 23 Consumer Staples 24 Consumer Staples 25 Consumer Staples 26 Consumer Staples		6700 0300 0300 4800 8300 0500 04300 0200 0800 05500 3500 00000 2100 0000 0063 5900 4100 0100 3900 3600 2100 3700 0200 3100 0200 03100 03900 03600 03700 0300 0300 0300 0300 0300	Low 171.28 2,739.97 321.21 157.53 65.08 1,013.38 3,196.01 262.10 54.65 832.87 54.53 115.71 94.42 84.18 313.88 516.02 4 onglets différcupérons les de	Chg. +0.50 +22.66 +2.10 -8.00 -1.60 +2.88 +9.17 +3.21 -0.42 -14.81 +0.06 -3.48 +0.23 -0.72 +1.83 -1.34 rents à parcourir étails web par le comedriver.exc click process the file all ('tbody') all ('table') all ('table') coreprocessing apreprocessing appreprocessing a	'Positive'], asco Drmance, Chance Chg. % +0.29% 9.4 +0.82% 223.3 +0.64% 2.0 -4.76% 9.3 -2.37% 6.5 -0.76% 4.0 -1.71% 174.5 +0.10% 2.5 -2.85% 597.4 +0.25% 1.7 -0.85% 759.8 et à extraire toute e biais du pilote Sel driver path et driver path	### Process our talking of the process our talking our talking of the process our talking our talking	s. Pour cette tâche, jour obtenir nos donn sk ce et des dor csv") csv") csv")	rai utilisé la bibliothècées.	mentales.
Information Technology Sonsumer Discretionary Consumer Staples Consumer Discretionary Consumer Staples Consumer Discretionary Consumer Staples Consumer Discretionary Consumer Discretionary Consumer Staples Consumer Discretionary Consumer C	6408	6700 6700 6700 6700 6700 6800 6800 6900 6900 6900 6900 6900 69	sort_values(sitive'] #cr sort_values(sitive'] #cr sort_values(sor	Chg. +0.50 +2.66 +2.10 -8.00 -1.60 +2.88 +9.17 +3.21 -0.42 -14.81 +0.06 -3.48 +0.23 -0.72 +1.83 -1.34 rents à parcourir étails web par le romedriver.exc click process the file cand set the romedriver.exc click process the file	'Positive'], ascontinuo de la commance Technomance Tec	### Process our talent ###	s. Pour cette tâche, jour obtenir nos donn sk ce et des dor csv") csv") csv")	rai utilisé la bibliothècées.	mentales.
Information Technology Consumer Discretionary Consumer Staples Consumer Staples Consumer Staples Consumer Staples Consumer Staples Consumer Discretionary Consumer Staples Consumer Staples Consumer Staples Consumer Staples Consumer Discretionary Consumer Staples Consumer Staples Consumer Staples Consumer Staples Consumer Consumer Staples Consumer Co	Section Sect	6700 0300 0300 0300 0300 0300 0300 0300	sort_values(sort_	(['Negative', de la perfo Price Perfo Chg. +0.50 +2.66 +2.10 -8.00 -1.60 +2.88 +9.17 +3.21 -0.42 -14.81 +0.06 -3.48 +0.23 -0.72 +1.83 -1.34 refts is parcouring featily web part left of the file ement_located all('tbody') all('table') all('table') all('table') all('table') coreprocessing apreprocessing appears ap	'Positive'], ascontinued and a frame state of the state o	ending =False) #50 le la technique ical Fundamental Vol. Time 4M	s. Pour cette tâche, jour obtenir nos donn sk ce et des dor csv") csv") csv")	rai utilisé la bibliothècées.	mentales.
7 Information Technology 8 Information Technology 9 Consumer Discretionary 10 Consumer Discretionary 11 Consumer Discretionary 12 Consumer Discretionary 13 Consumer Discretionary 14 Materials 15 Materials 16 Materials 17 Materials 18 Materials 18 Materials 18 Materials 19 Materials 19 Materials 10 Materials 11 Healthcare 12 Healthcare 12 Healthcare 13 Healthcare 14 Real Estate 15 Real Estate 16 Real Estate 17 Energy 18 Consumer Staples 18 Consumer Discretionary 18 SectorPopularityData 18 SectorPopularityD	6408 0.0 6497 3. 1096533 -0. 6435 18. 13845 -5. 13994 18. 13994 18. 13994 18. 13915 -0. 13928 -0. 13930 -0. 13945 0. 32319 -0. 34405 -0. 1096506 0. 1096506 0. 1096506 0. 13932 -0. 1096240 0. 1096506 0. 3325 -0. 33285 -0. 33287 -0. 33287 -0. 33281 -0. 4	6700 6700 6700 6700 6700 6800 6800 6800	sort_values(sort_	Click process the file ement_located all('tbody') all('table')	'Positive'], ascontinue of the continue of the	### Process our talent #### Process our talent ##### Process our talent ##### Process our talent ##### Process our talent ####### Process our talent ###################################	s. Pour cette tâche, jour obtenir nos donn sk ce et des dor csv") csv") csv")	rai utilisé la bibliothècées.	mentales.
# Metalicate #	6408	6700 0300 4800 4800 4800 4800 4800 4800 4800 4800 6800 4900 6900 6900 6900 6900 6900 6900 6900 6900 6900 4100 6900 4100 6900 4100 6900 4100 6900 4100 6900 4100 6900	sort_values(du prix, co sort_values(du prix, co 171.28 2,739.97 321.21 36.65.08 3,196.01 262.10 54.65 68.82.87 35.45.3 415.71 694.42 84.18 671.694.42 84.18 85.131.88 675.602 4 onglets différ cupérons les différent le	Chg. +0.50 +22.66 +2.10 -8.00 -1.60 +2.88 +9.17 +3.21 -0.42 -14.81 +0.06 -3.48 +0.23 -0.72 +1.83 -1.34 retails web par leteromedriver.exc click process the file ement_located all('tbody') all('table')	'Positive'], asc Ormance Techn Chg. % 9.4 +0.29% 9.4 +0.82% 223.3 +0.476% 9.3 -2.37% 6.5 -0.28% 379.6 +1.21% 6.5 -0.76% 4.0 -1.71% 174.9 +0.10% 2.5 -2.85% 597.4 +0.28% 599.4 th.39% 2.9 et à extraire toute biais du pilote Sel driver path e" s. ((By.XPATH, xpa hat we can furt by.XPATH, "/ifr gy/AMZN Historica wol. ‡ 78.73M 82.77M 75.94M 103.82M 86.71M 95.42M 93.49M 96.49M 64.06M 59.36M 96.49M 64.06M 59.36M	### Charge % ### ### ### ### ### ### ### ### ###	s. Pour cette tâche, jour obtenir nos donn sk ce et des dor csv") csv") csv")	rai utilisé la bibliothècées.	mentales.
7 Information Technology 8 Information Technology 9 Consumer Discretionary 10 Consumer Discretionary 11 Consumer Discretionary 12 Consumer Discretionary 13 Consumer Discretionary 14 Materials 15 Materials 16 Materials 16 Materials 17 Materials 18 Mater	6408	6700 0300 04800 8800 04800 8800 04800 8800 04800 8800 04800 8800 04800 0	sort_values(du prix, composition of the compositio	Click process the file ement_located all('tbody') all('table') all('t	'Positive'], asc Ormance Techn Chg. % 9.4 +0.29% 9.4 +0.82% 223.3 -0.64% 2.0 -4.76% 9.3 -2.37% 6.5 +0.28% 379.6 -1.71% 174.9 +0.10% 2.5 -2.85% 59.4 +1.39% 2.9 -0.26% 509.4 et à extraire toute bias du pilote Sel driver path et averant furt MALL We can furt BY.XPATH, "//ifr ext()='Got it'] d saving it rmance') hat we can furt Apple Historica Vol. ‡ 78.73M 82.27M 75.94M 103.82M 86.71M 92.66M 94.99M 94.99M 95.42M 96.49M 64.06M 59.36M	### Process our talking Change % # ### Op:51:05	s. Pour cette tâche, jour obtenir nos donn sk ce et des dor csv") csv") csv")	rai utilisé la bibliothècées.	mentales.
7 Information Technology 8 Information Technology 9 Information Technology 9 Consumer Discretionary 10 Consumer Discretionary 11 Consumer Discretionary 12 Consumer Discretionary 13 Consumer Discretionary 14 Materials 15 Materials 16 Materials 17 Materials 18 Materi	6408	6700 0300 4800	### ### ### ### ### ### ### ### ### ##	Chg. +0.50 +0.50 +2.66 +2.88 +9.17 +3.21 -0.42 -14.81 +0.36 -3.48 +0.23 -0.72 +1.34 retails web par leterals and set the remediately	'Positive'], asc Ormance Techn Chg. %	### Process our talker process o	s. Pour cette tâche, jour obtenir nos donn sk ce et des dor csv") csv") csv")	rai utilisé la bibliothècées.	mentales.
7 Information Technology 8 Information Technology 9 Consumer Discretionary 10 Consumer Discretionary 11 Consumer Discretionary 12 Consumer Discretionary 13 Consumer Discretionary 14 Materials 15 Materials 16 Materials 16 Materials 17 Materials 18 Mater	6408	6700 0300 04800 0300 04800 0500 04800 0500 04800 0500 0600 0500 0600 0500 0600 0500 0600 0603 0500 0600 06	### ### ### ### ### ### ### ### ### ##	Chg. +0.50 +0.50 +2.66 +2.88 +9.17 +3.21 -0.42 -14.81 +0.36 -3.48 +0.23 -0.72 +1.34 retails web par leterals web par leteral	'Positive'], asc Ormance Techn Chg. %	### Process our tall and telephone in the process our tall and telephone in telephone in the process our tall and telephone in the process our tal	s. Pour cette tâche, jour obtenir nos donn sk ce et des dor csv") csv") csv")	rai utilisé la bibliothècées.	mentales.
7 Information Technology 8 Information Technology 9 Consumer Discretionary 10 Consumer Discretionary 11 Consumer Discretionary 12 Consumer Discretionary 13 Consumer Discretionary 14 Materials 15 Materials 16 Materials 17 Materials 18 Materials 18 Materials 18 Materials 18 Materials 19 Materials 19 Materials 10 Materials 10 Materials 10 Materials 11 Healthcare 12 Healthcare 13 Healthcare 14 Real Estate 15 Real Estate 16 Real Estate 16 Real Estate 17 Energy 18 Consumer Stapes 19 Consumer Stapes 19 Consumer Stapes 20 Materials 21 Healthcare 22 Healthcare 23 Healthcare 24 Materials 25 Real Estate 26 Materials 27 Energy 28 Energy 29 Consumer Stapes 29 Consumer Stapes 20 Materials 20 Materials 21 Healthcare 22 Healthcare 23 Healthcare 24 Healthcare 25 Healthcare 26 Materials 27 Energy 28 Energy 29 Consumer Stapes 20 Materials 20 Materials 21 Healthcare 22 Healthcare 23 Healthcare 24 Healthcare 25 Healthcare 26 Materials 26 Energy 27 Energy 28 Energy 28 Energy 29 Consumer Stapes 29 Consumer Stapes 20 Materials 20 Materials 21 Healthcare 22 Healthcare 23 Healthcare 24 Healthcare 25 Healthcare 26 Healthcare 27 Energy 28 Energy 29 Consumer Stapes 29 Consumer Stapes 20 Healthcare 20 Healthcare 21 Healthcare 22 Healthcare 23 Healthcare 24 Healthcare 25 Healthcare 26 Healthcare 27 Healthcare 28 Energy 29 Consumer Stapes 29 Consumer Stapes 20 Healthcare 20 Healthcare 21 Healthcare 22 Healthcare 23 Healthcare 24 Healthcare 25 Healthcare 26 Healthcare 26 Healthcare 27 Healthcare 28 Energy 29 Consumer Stapes 29 Healthcare 20 Healthcare 20 Healthcare 20 Healthcare 21 Healthcare 22 Healthcare 23 Healthcare 24 Healthcare 25 Healthcare 26 Healthcare 26 Healthcare 27 Healthcare 28 Energy 29 Consumer Stapes 29 Healthcare 20 Healthcare 20 Healthcare 20 Healthcare 20 Healthcare 21 Healthcare 21 Healthcare 22 Healthcare 23 Healthcare 24 Healthcare 25 Healthcare 26 Healthcare 26 Healthcare 27 Healthcare 28 Energy 29 Healthcare 29 Healthcare 29 Healthcare 20 Healthcare 20 Healthcare 20 Healthcare 20 Healthcare 20 Healthcare 21 Healthcare	6408	6700 0300 04800 0300 04800 0500 04800 0500 04800 0500 0600 0500 0600 0500 0600 0500 0600 0603 0500 0600 06	sort_values(cupby('sectors) sort_values(cup	Chg. +0.50 +0.50 +2.66 +2.88 +9.17 +3.21 -0.42 -14.81 +0.36 -3.48 +0.23 -0.72 +1.34 retails web par leterals web par leteral	'Positive'], asc Ormance Techn Chg. %	### Process our tall and telephone in the process our tall and telephone in telephone in the process our tall and telephone in the process our tal	s. Pour cette tâche, jour obtenir nos donn sk ce et des dor csv") csv") csv")	rai utilisé la bibliothècées.	mentales.