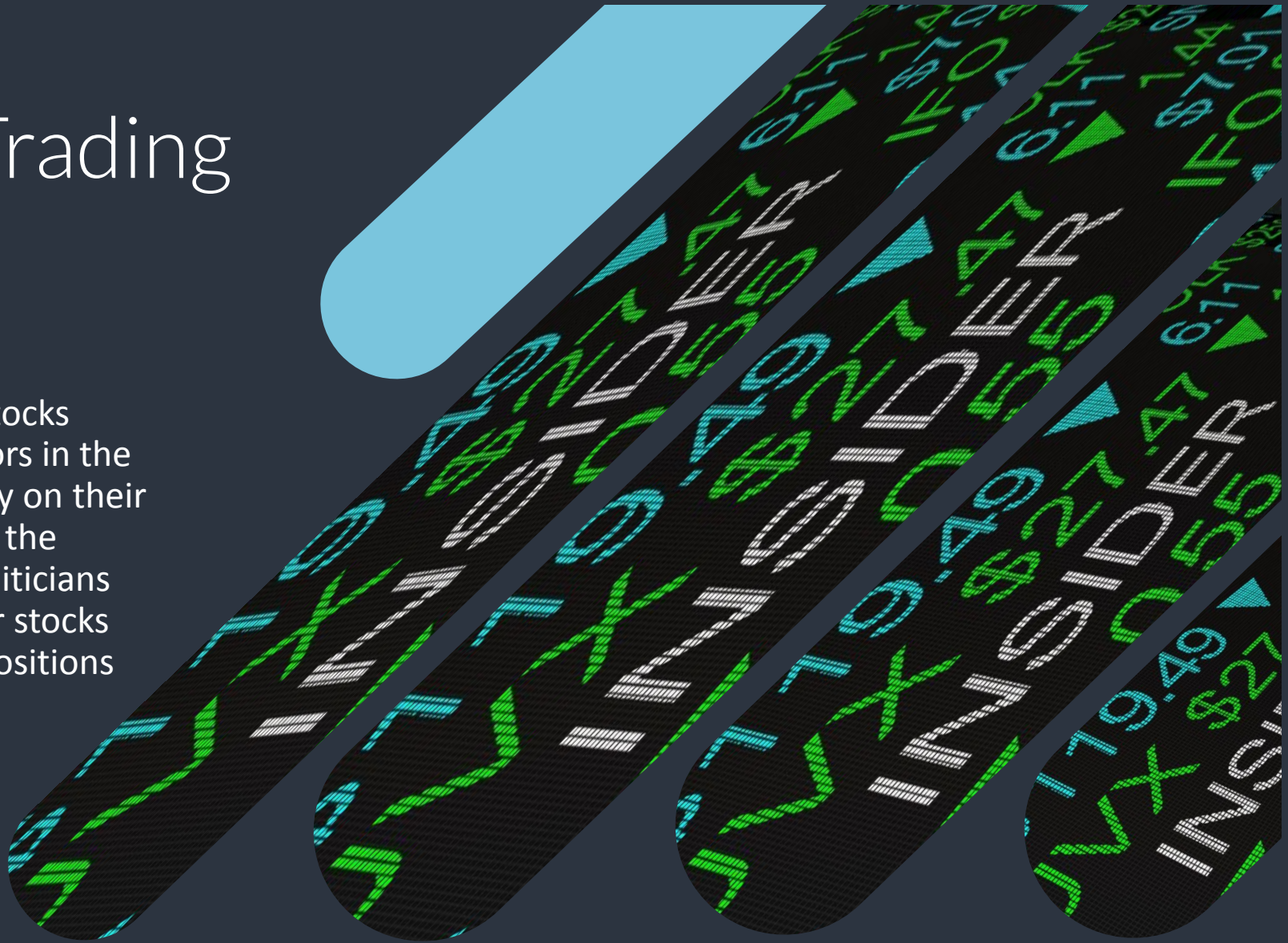


US Senators' Trading Performance

[About The Project](#)

This project analyzes the public stocks transaction information of Senators in the United States, focusing specifically on their trades in company shares around the world. The data reveals which politicians have vested interests in particular stocks and provides insight into which positions have increased or decreased.



Introduction

Several US senators who traded stocks during their terms saw significant gains in their portfolios. The concern is that, despite publicly implying otherwise, these senators traded in anticipation of news that would have a significant impact on financial markets.

The purpose of this analysis is to determine whether Senators' portfolios tend to outperform the market as a whole. We analyze the investments using open-source data to determine if they support the notion that senators use their informational advantages for personal gain.

US Senator's Trading Performance

Data and Research Design

We used data from Senators' common stock purchases and sales, as well as the date and approximate value of the transactions, for this analysis. We only consider assets not held in qualified blind trust because Senators do not report holdings or transactions on any assets held in qualified blind trust. Our data does have some limitations; for example, we cannot calculate the magnitude of profits earned by individual senators. Senators only report transaction dollar volumes within broad ranges.

Data

Transaction CSV from Senate stock watcher.com

Yfinance

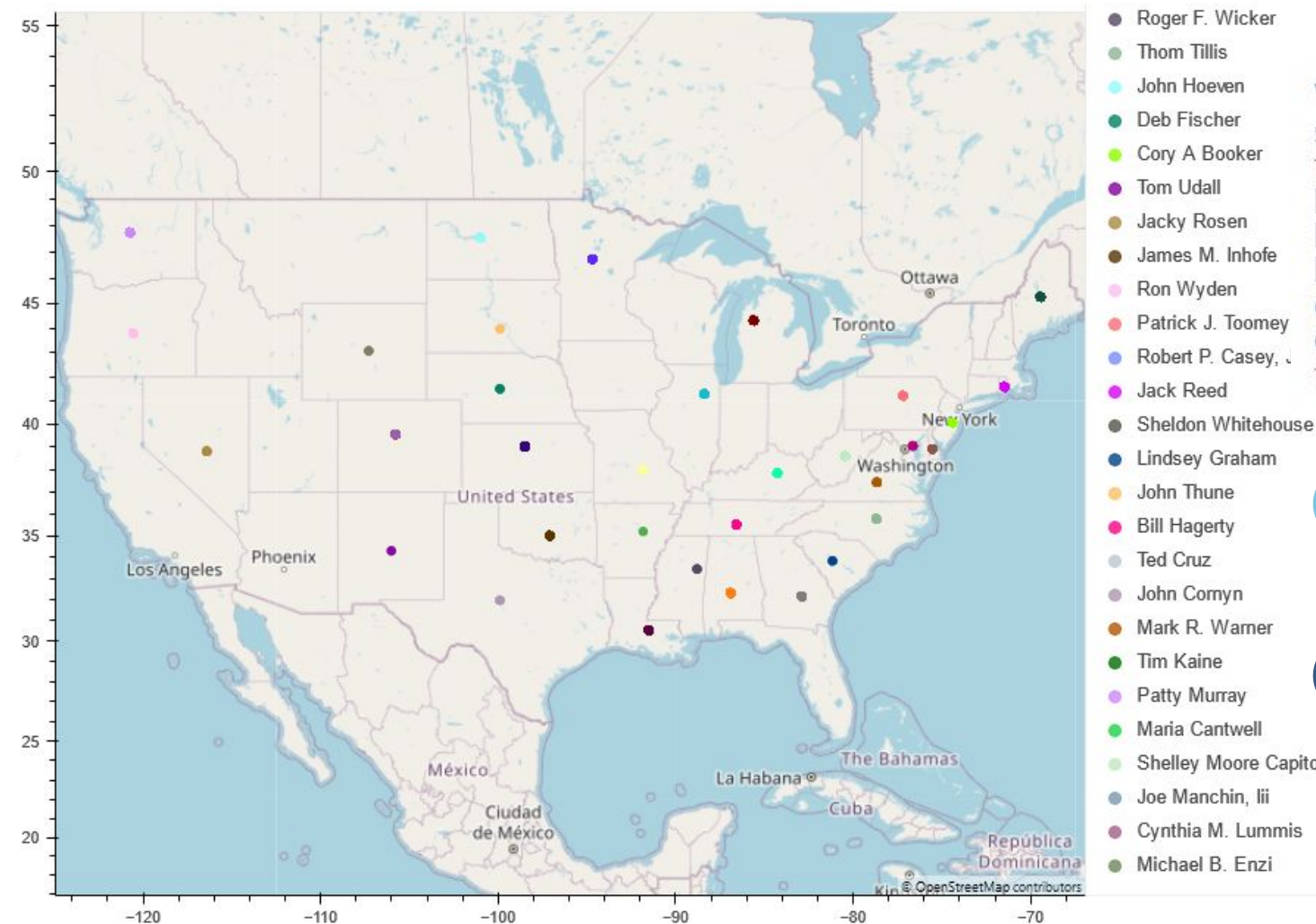
Python Libraries

Import pandas as pd

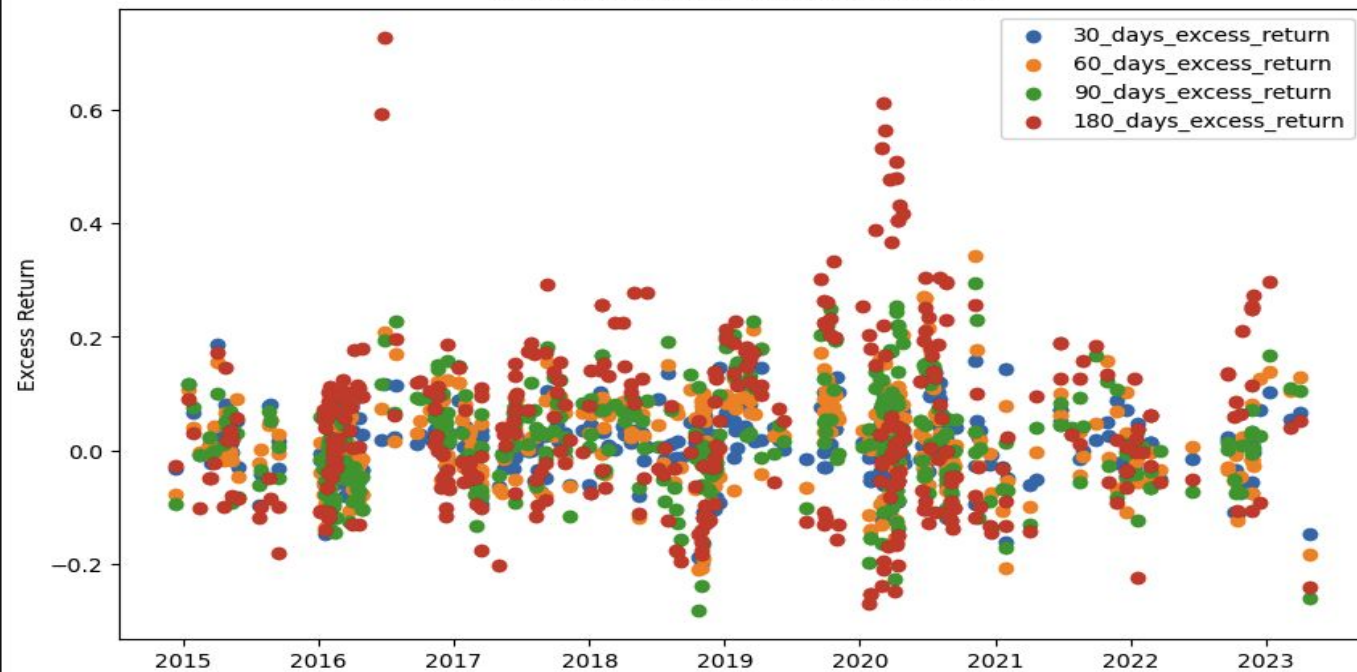
Import hvplot.pandas

From pathlib import Path

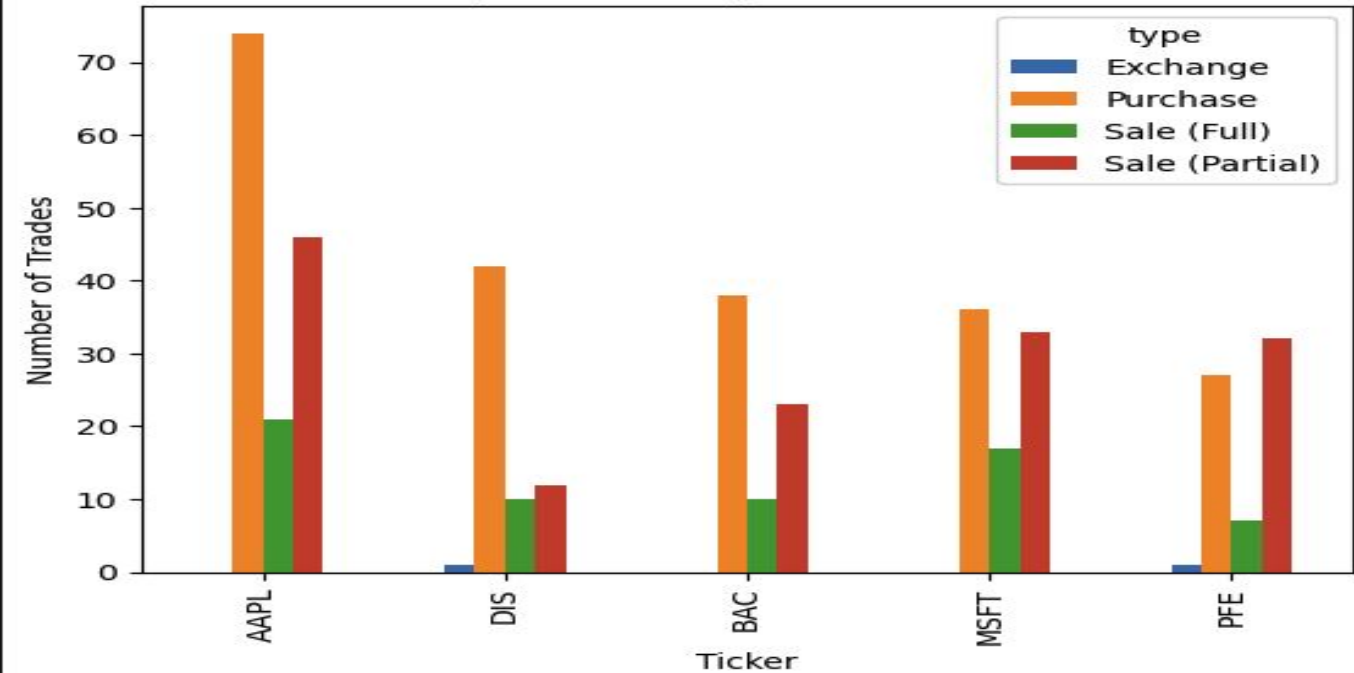
Import warnings



Returns of Senator Trades Vs. S&P500



Top 5 Tickers by Trade Amount



US Senator's Trading Performance

Results By: Industries

When analyzing Senator trading performance across four timeframes inc comparison as compared to the S&P500 as seen in the Scatter plot, the majority of trades that generated a positive delta were made when hodl for at least 180 days. Described in the bar chart are the amount of trades for the most popular tickers that were traded by each Senator.

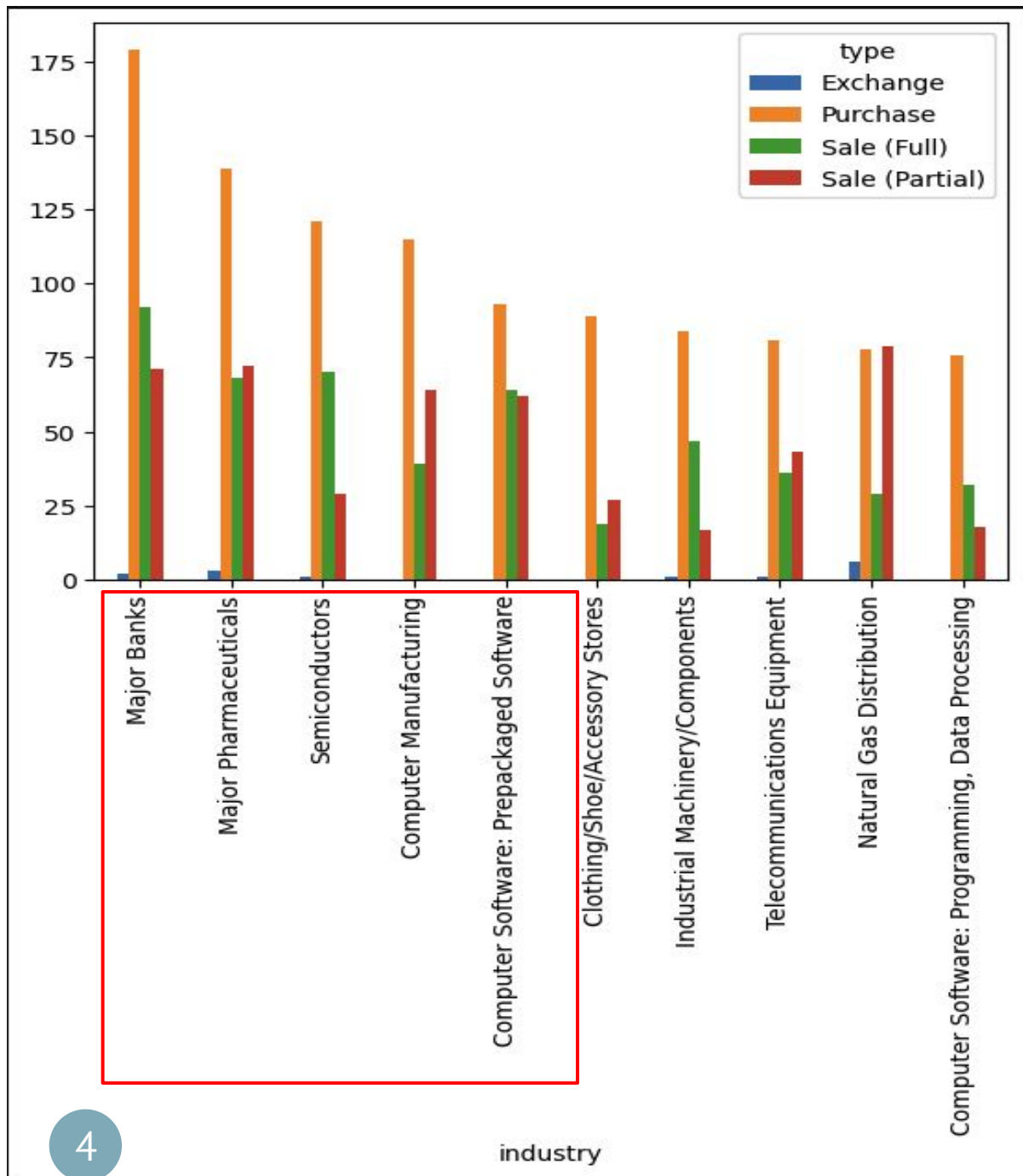


US Senator's Trading Performance

Results By: Industries

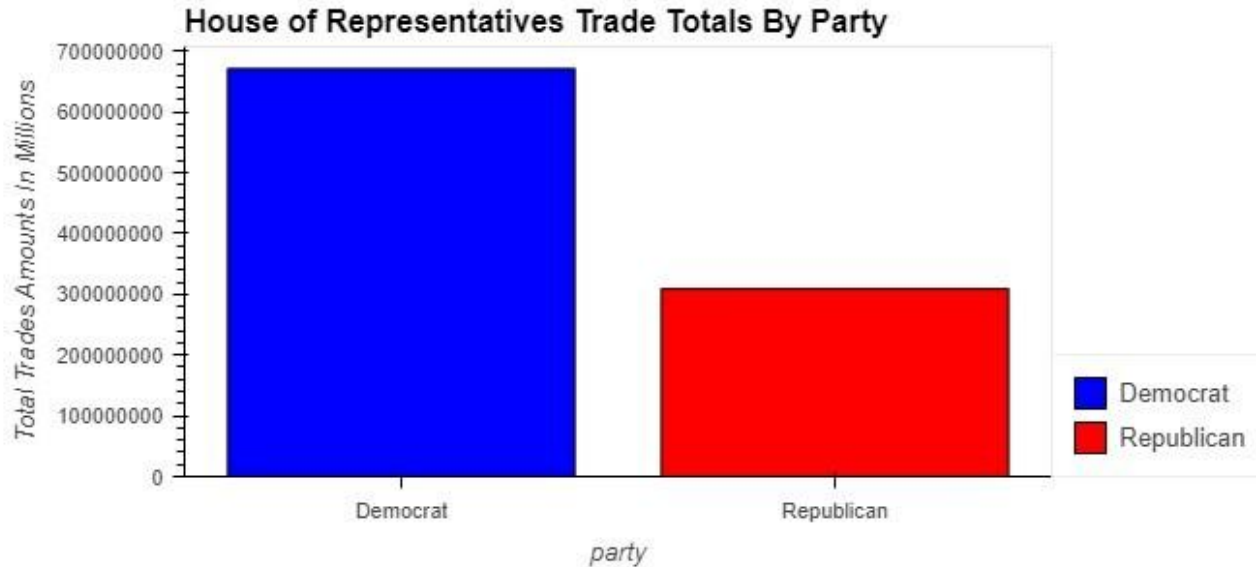
Top 5 stocks : Apple, Microsoft, Bank of America, Pfizer, and Disney

Top 5 industries: banking, pharmaceuticals, semiconductors, computer software, computer manufacturers



US Senators Trading Performance

Results: Trade Totals



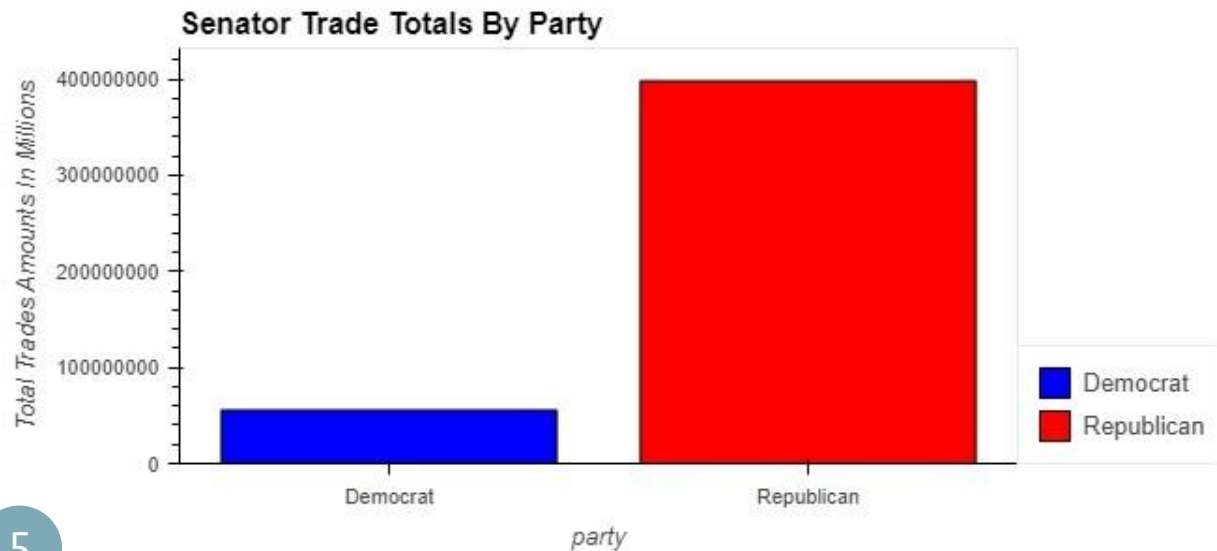
House: Democrats > Republicans

Senate: Republicans > Democrats

House of Representatives Trade Totals

Dems: 670,855,000

Reps: 308,675,000



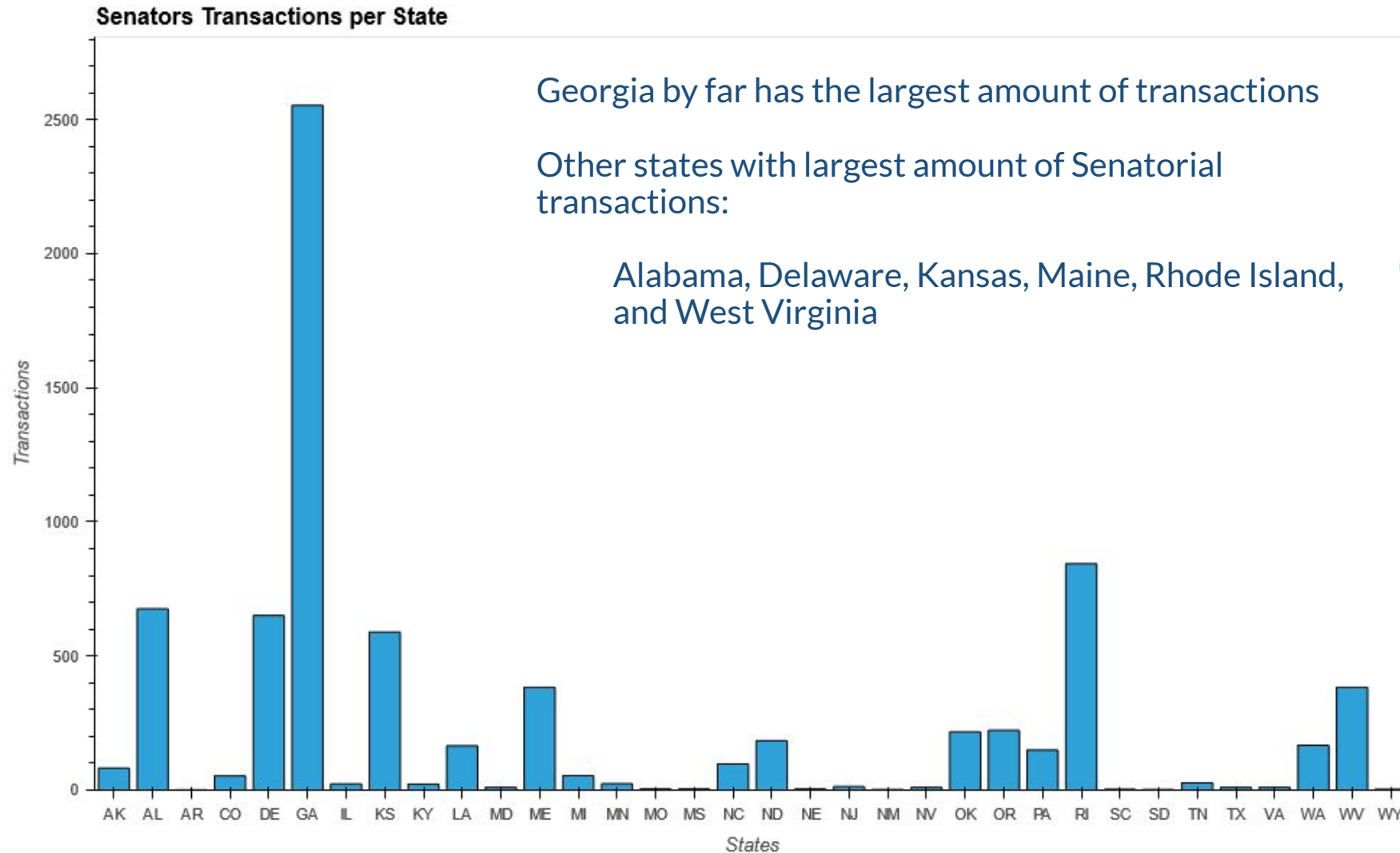
Senate Trade Totals

Dems: 55,490,000

Reps: 398,110,000

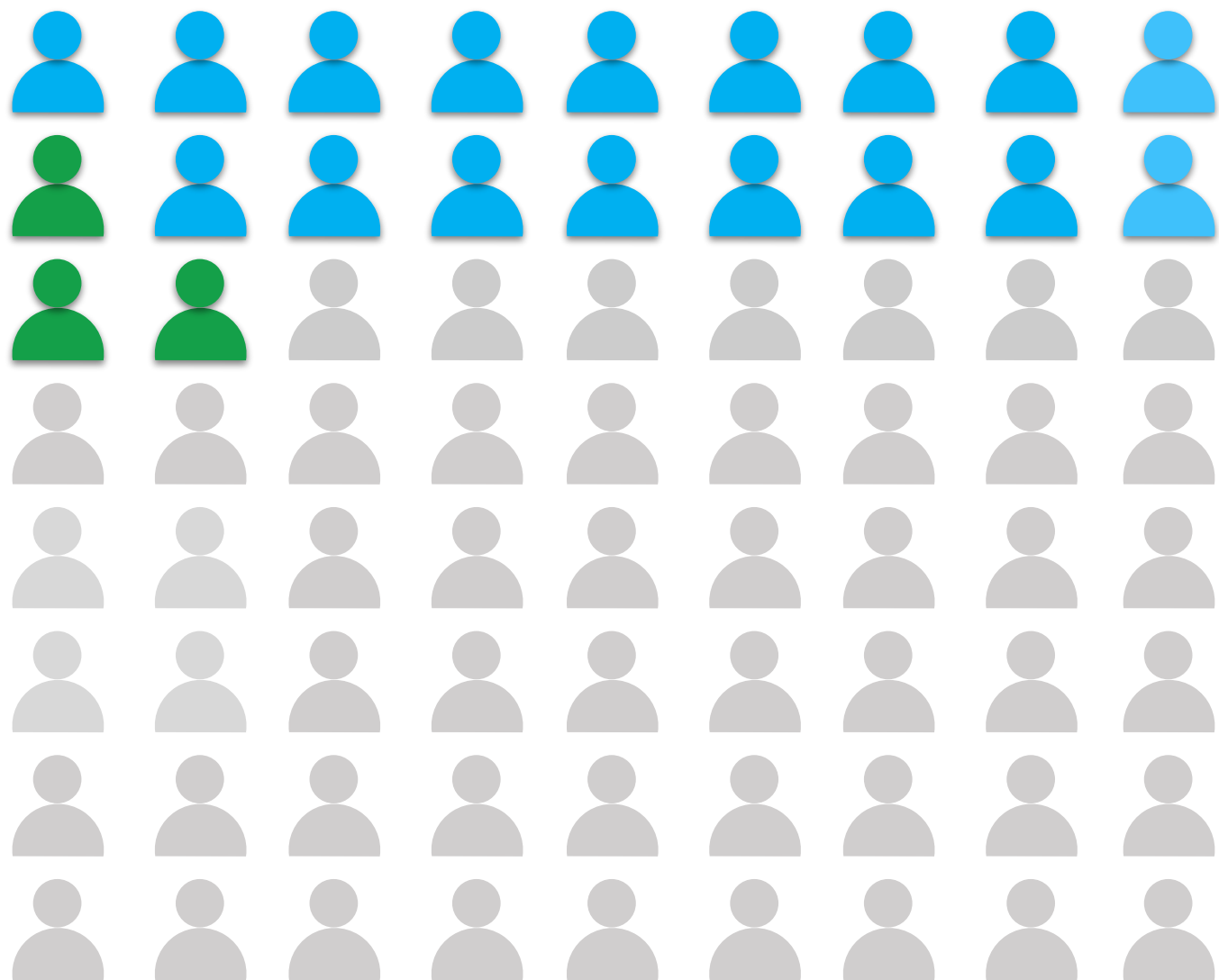
US Senator's Trading Performance

Results: Senators' Transactions per State



Senators' Transactions per State

senator	
Angus S. King, Jr.	34
Benjamin L Cardin	3
Bill Cassidy	164
Bill Hagerty	27
Chris Van Hollen	7
Christopher A. Coons	7
Cory A Booker	13
Cynthia M. Lummis	2
Dan Sullivan	82
David Perdue	2279



30%

The state of Georgia accounts for 2553 transactions.

27%

Transactions made by David Perdue (GA Senator)

CONCLUSIONS:

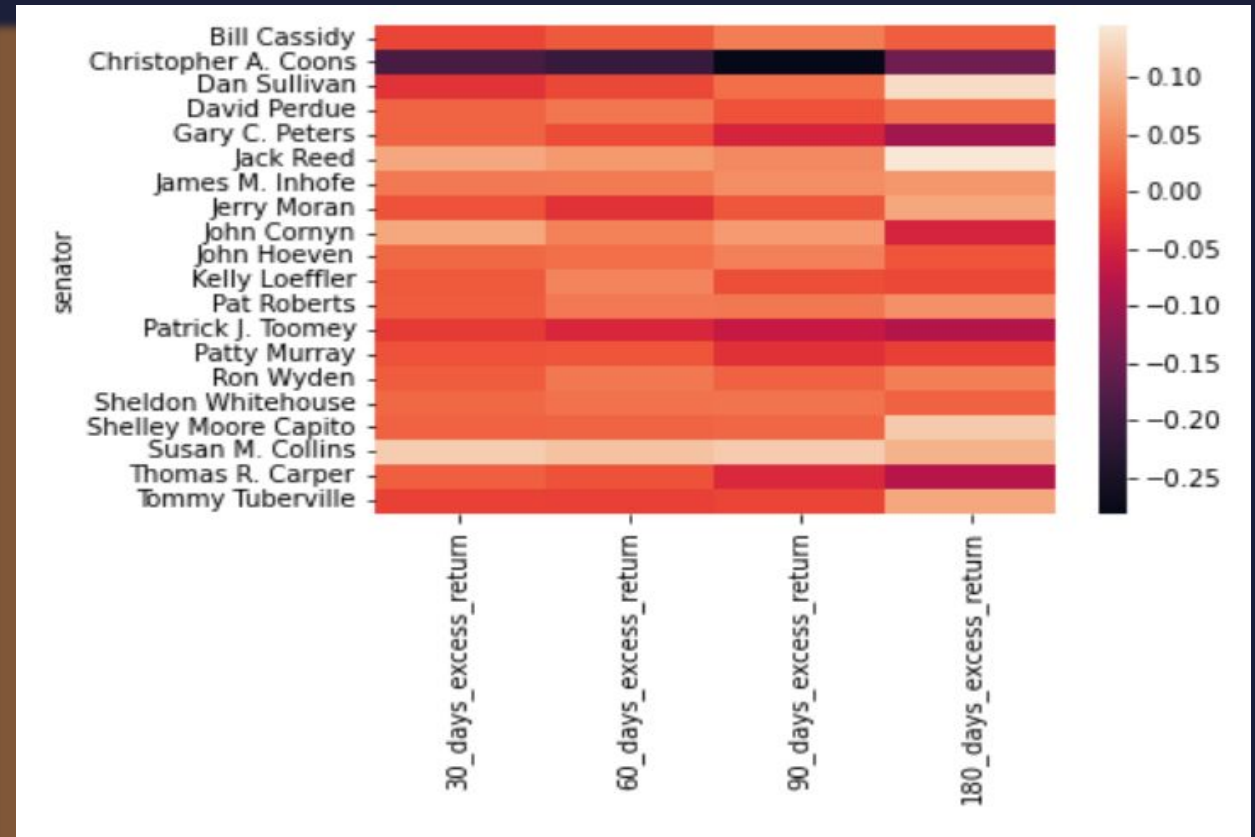
• This article is more than 2 years old

Revealed: David Perdue bought bank stocks after meeting financial officials

Georgia Republican facing Senate runoff bought significant shares in US bank after meeting with financial policy makers



EXCESS RETURNS:



	transaction_date	ticker	type	amount	senator	30_days_excess_return	60_days_excess_return	90_days_excess_return	180_days_excess_return
2623	2020-03-20	AAPL	Purchase	\$50,000	Pat Roberts	-0.019156	0.093597	0.175810	0.478012
2222	2020-04-08	AAPL	Purchase	\$15,000	Pat Roberts	0.101568	0.083932	0.254418	0.509021
6499	2016-06-20	BAC	Purchase	\$15,000	David Perdue	0.019060	0.072646	0.117599	0.592999
2626	2020-03-06	AAPL	Purchase	\$50,000	Pat Roberts	-0.004029	0.061742	0.065313	0.611797
3486	2016-06-27	BAC	Purchase	\$15,000	David Perdue	0.116380	0.207760	0.192570	0.727831

CONCLUSIONS: Part 2

	transaction_date	ticker	type	amount	senator	30_days_excess_return	60_days_excess_return	90_days_excess_return	180_days_excess_return
324	2022-11-23	MSFT	Purchase	\$15,000	Tommy Tuberville	0.008366	-0.017993	0.026836	0.253922

Close value for Tommy Tuberville MSFT buy on 2022-11-23: 246.42274475097656

Date	
2022-12-31 00:00:00-05:00	238.699020
2023-01-31 00:00:00-05:00	246.651672
2023-02-28 00:00:00-05:00	248.875946
2023-03-31 00:00:00-04:00	287.671112

**politics**

The Biden Presidency Facts First 2022 Midterms

Senators introduce bipartisan ban on stock ownership for executive and legislative branch office holders and their families

By Kristin Wilson and Morgan Rimmer, CNN
Published 10:41 AM EDT, Wed July 19, 2023



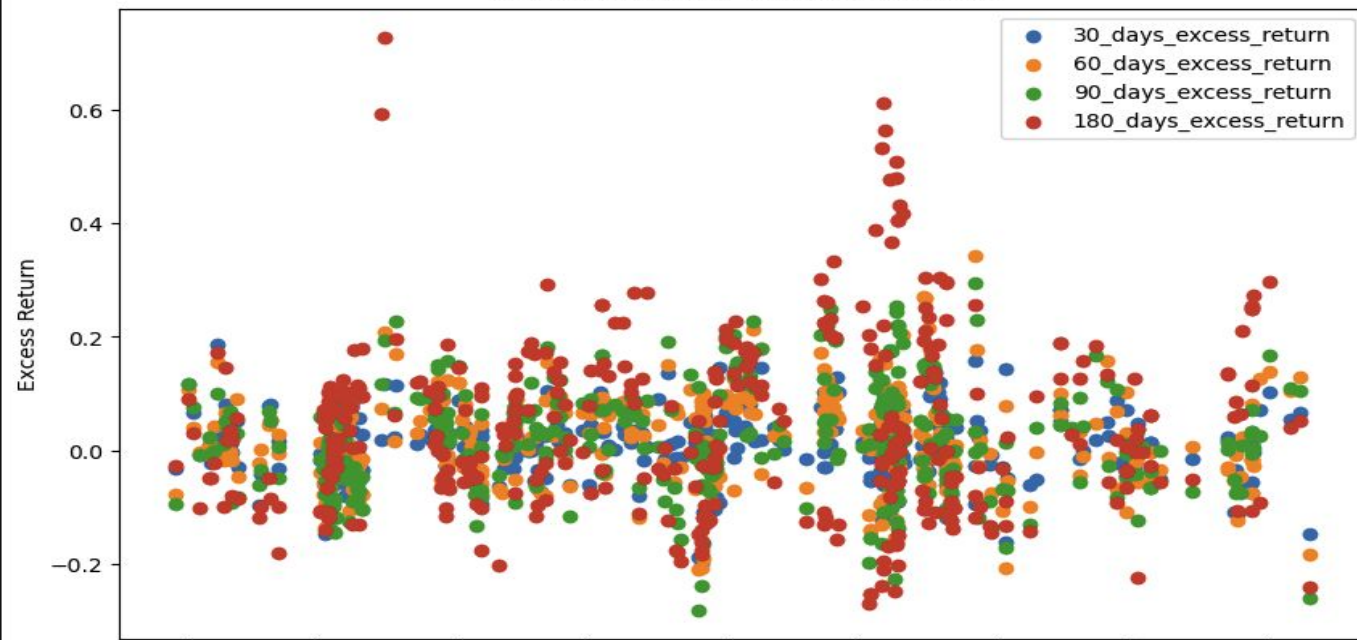
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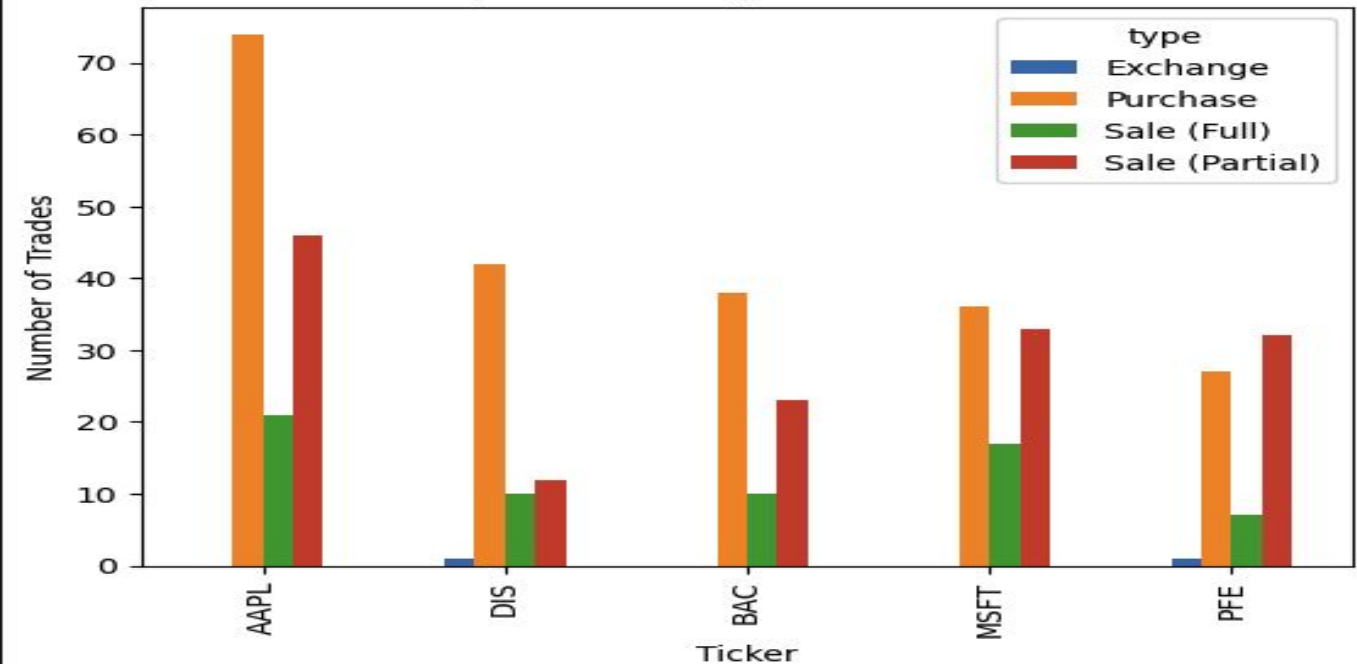
12

13

Returns of Senator Trades Vs. S&P500



Top 5 Tickers by Trade Amount



US Senator's Trading Performance

Results By: Industries

When analyzing Senator trading performance over four timeframes as compared to the S&P500. As seen in the Scatter plot, the majority of trades that generated a positive delta were made when hold for at least 180 days. The bar chart describes the amount of trades were long positions.

House of Representatives Trade Totals



Dems VS Reps

Senators Trade Totals



Dems VS Reps



US Senator's Trading Performance

Results: Senators' Transactions per State

Data Sources and libraries



Data

Transaction CSV from Senate stock watcher.com

Yfinance



Python Libraries

Import pandas as pd Import

hvplot.pandas

From pathlib import Path

Import warnings