Franklin Tan

IS 218

10 May 2021

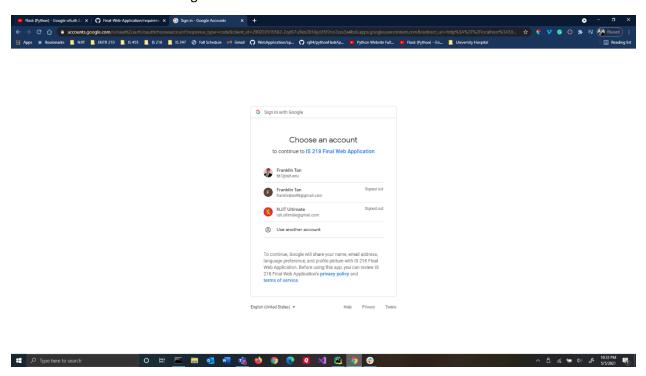
# **Project Contributors:**

This project was done independently with the Professor's permission to implement Oauth2 with a concept of a stock portfolio application.

# Oauth2 Login Working

As you can see, I can login with my NJIT account as well as other google accounts.

The application uses Google Developer Console to implement Oauth2. Note that only a user inside the NJIT network will be able to login.



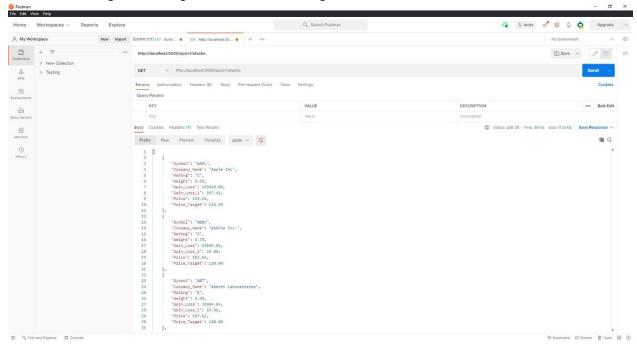
Stock Portfolio Homepage – Features Stock symbol, company ratings, weight inside the porfolio, gain/loss from total investment duration, gain/loss during the day, current stock price, and price target.

Stock Portfolio's Homepage Home	Raw Data	Add Stock Holdings					
	Stock Symb	ool Rating	Weight	Gain/Loss Total	Gain/Loss Day	Price	Price Target
	AAPL	1	5.39	159418.00	587.41	133.26	135.00
	ABBV	2	3.78	33049.02	33.80	102.60	120.00
	ABT	2	2.80	33904.04	53.86	107.62	120.00
	AMD	1	1.33	9565.95	26.12	92.38	100.00
	AMZN	2	4.61	87824.37	122.06	3195.50	3600.00
	AVGO	2	1.55	23623.43	78.34	430.22	460.00
	BA	1	2.86	21281.82	27.35	220.19	260.00
	ВМҮ	1	3.48	7835.53	6.95	61.85	74.00
	CCI	1	3.96	-12055.85	-8.08	152.44	190.00
	COST	2	3.15	17941.46	19.71	363.27	400.00
	CRM	1	1.98	27035.09	65.14	228.46	285.00
	CVS	1	3,54	15526.59	14.51	68.08	84.00
	DD	2	4.07	34415.30	32.32	70.45	80.00
	DIS	2	2.21	26537.82	53.03	170.19	190.00
	F	1	4.35	-4956.00	-3.19	8.86	11.00
	FB	2	1.17	30933.75	320.27	270.62	300.00
	GOOGL	2	2.50	57135.20	194.49	1730.24	1850.00
	GS	2	1.83	13755.38	27.69	253.73	240.00
	HON	2	3.31	29709.59	35.00	208.35	220.00
	1014	4	0.74	FC3.1.00	20.70	422.70	400.00

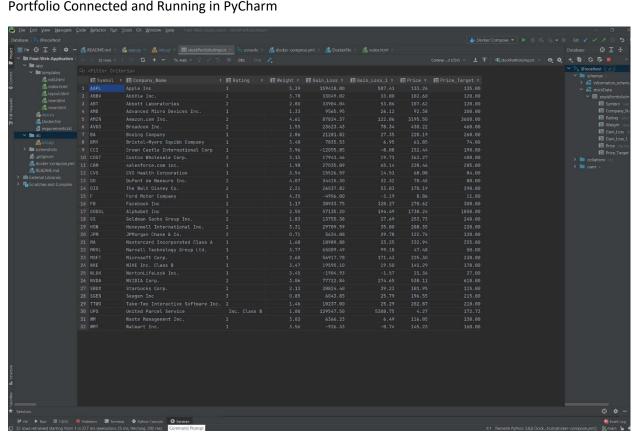
#### Raw Stock Data retrieved

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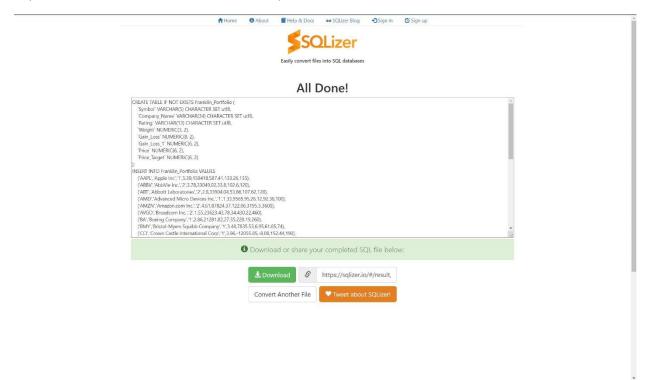
Postman Working and turning raw data into more digestible information.



### Portfolio Connected and Running in PyCharm



#### SQLizer - Used this to transform CSV into SQL Commands



#### Portfolio In CSV Format – I had to first download data from Yahoo Finance.

