



Powerful Stock Fundamentals

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Motivation

Provide users with a simple but powerful fundamental analysis tool to make educated securities purchases.

Pipeline



QuickFS

2

SQL

4



6



1

Pandas



3



5



7

Interpretation

	2020	2021
Q1	30mm	32mm
Q2	12mm	15mm
Q3	26mm	40mm
Q4	56mm	113mm



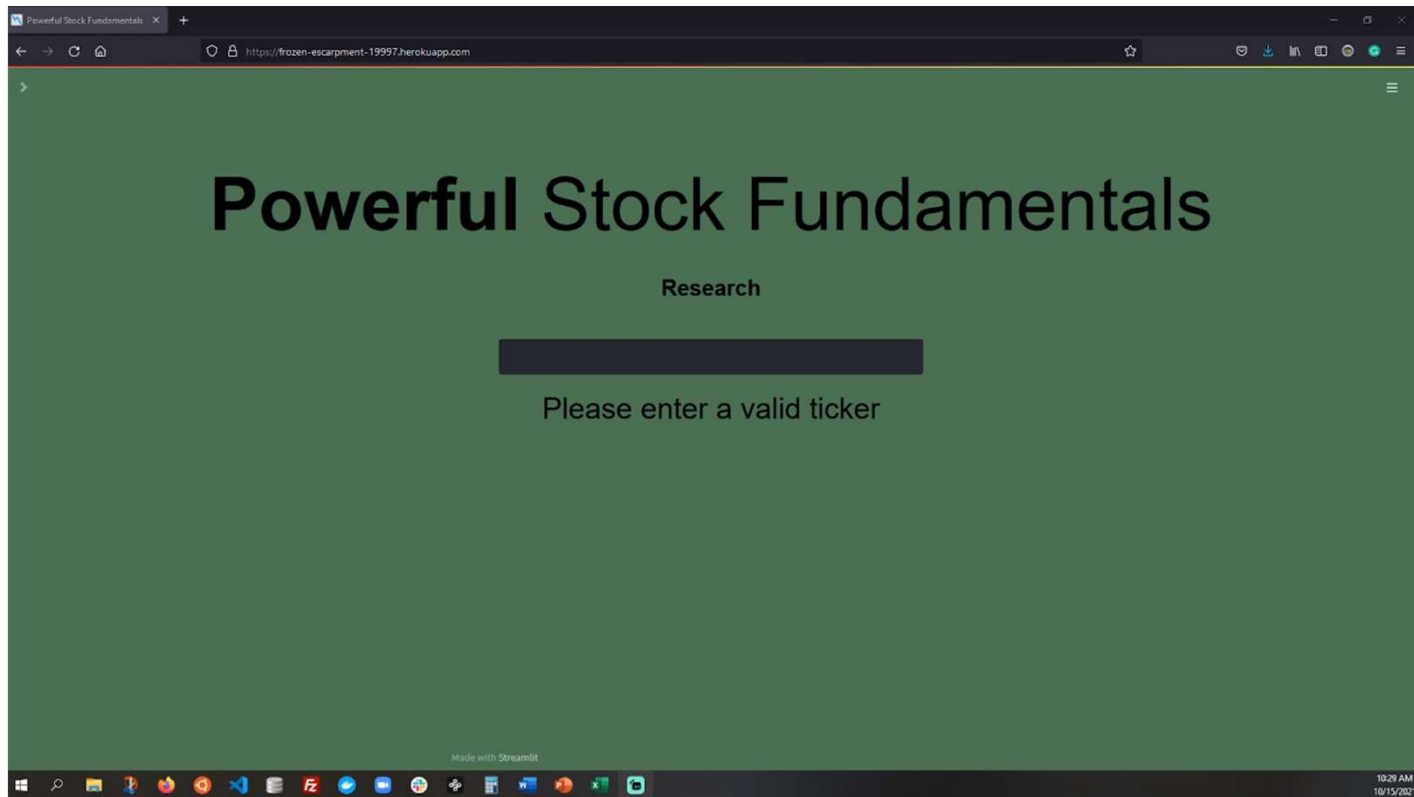
% Change	Symbol
6%	.
25%	~
54%	^
101%	!



Looking for
Consecutive
Year over Year
Quarterly
Increases!

Example output:

	T1	T2	RT1	RT2	Q1_3	Q1_2	Q1_1	Q1	Q2_3	Q2_2	Q2_1	Q2	QS_3	QS_2	QS_1	S	R1_3	R1_2	R1_1	R1	R2_3	R2_2	R2_1	R2	RS_3	RS_2	RS_1	RS	BO1	BO2	BOS	Total
0			T	T	~	!	^		~	!	!		.	^	~		~	^	^	M	~	^	!	M	.	~	~	M				133.000000



Demo

<https://frozen-escarpment-19997.herokuapp.com/>

Impact

This pipeline produces a powerful but simple web app that allows users to get a quick fundamental snapshot of unique metrics to measure a company's overall general financial health to assist in and make educated investment decisions.





Future Work

- Develop more detailed and industry specific analysis for users
- Incorporate additional data, such as technical analysis

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