

Project Team



Jonathan Woolsey

Neural Network



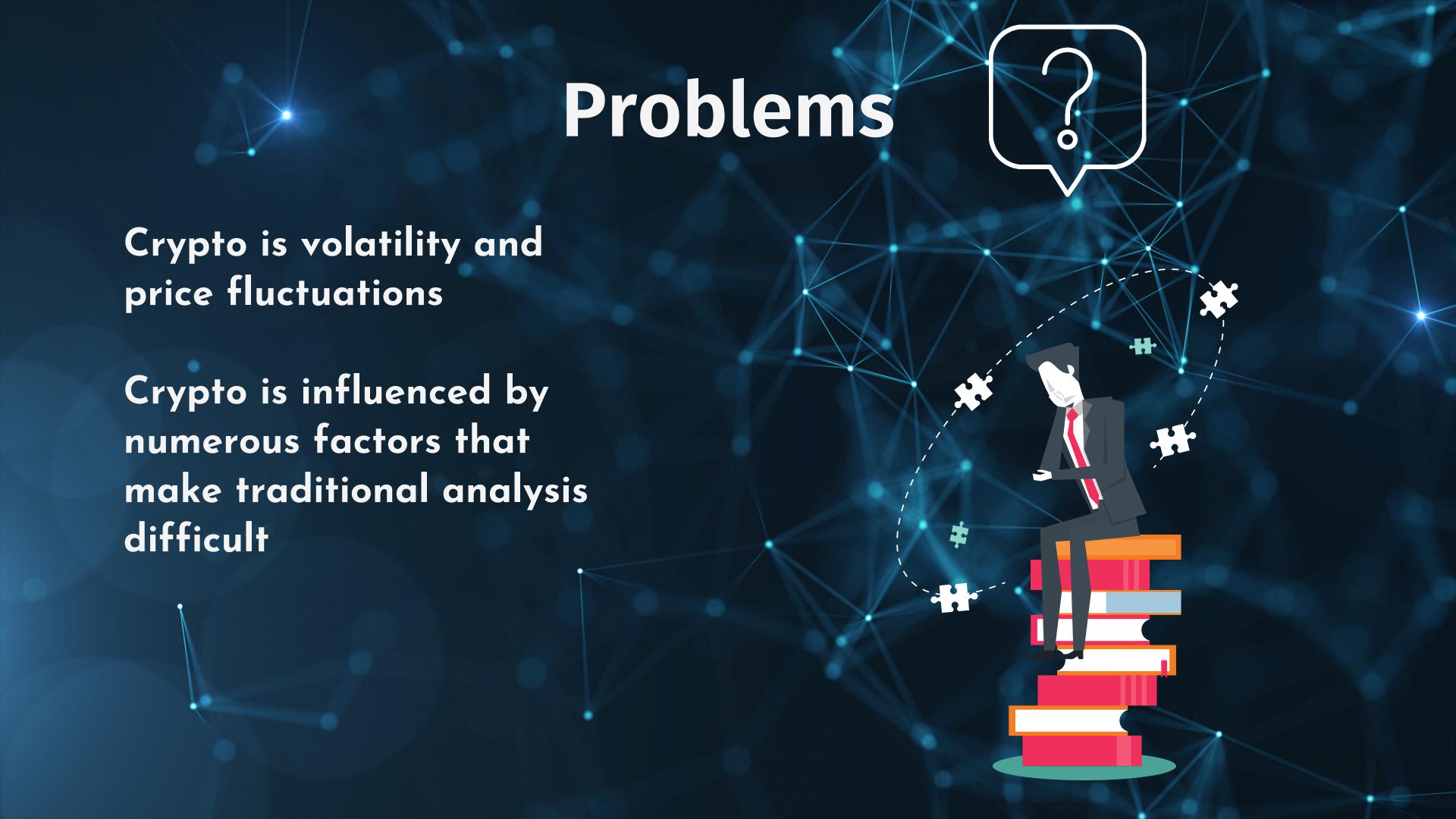
Rodrigo Monge

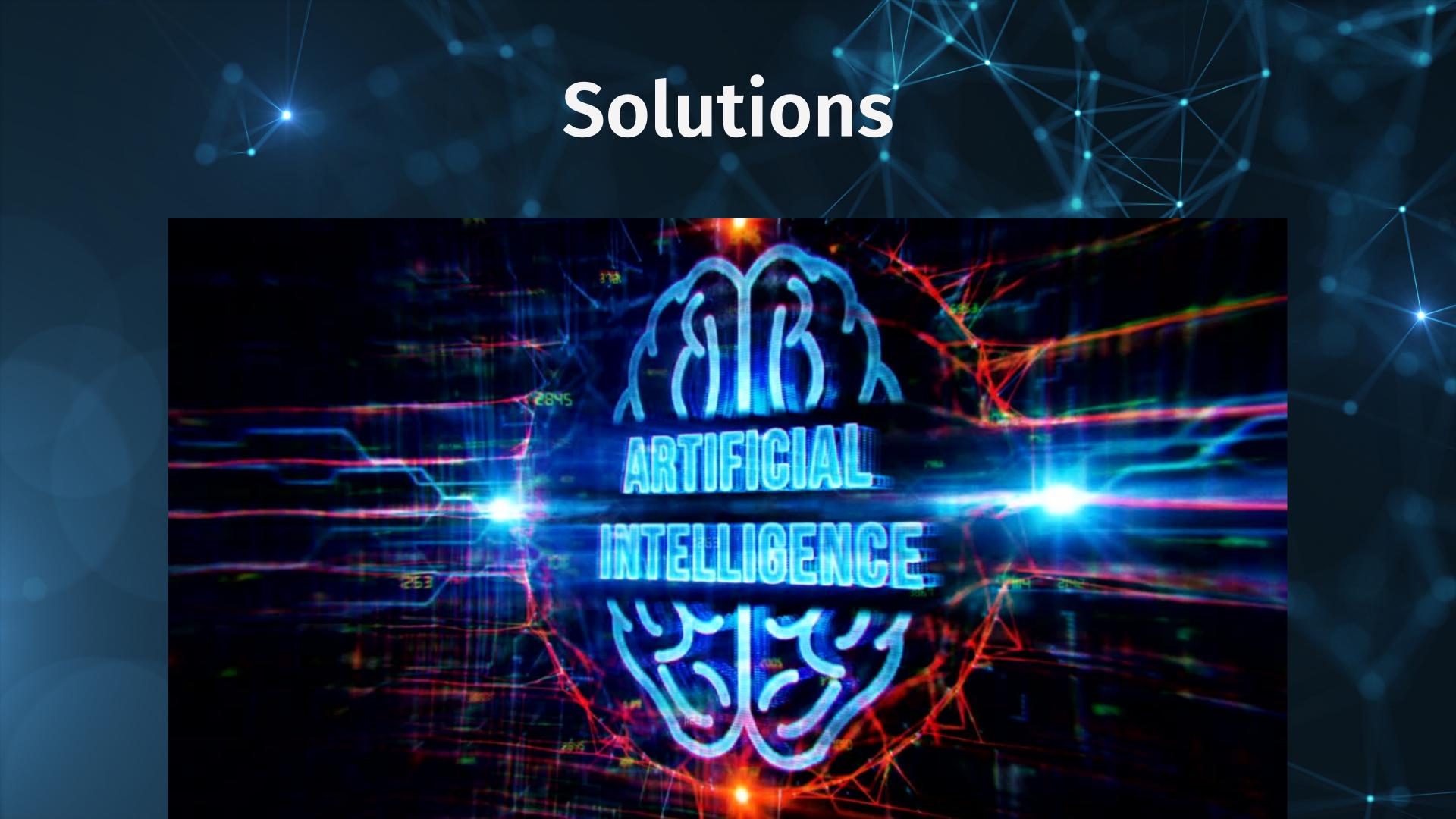
Algorithmic Trading



Jasmine Tengsico

Backtesting

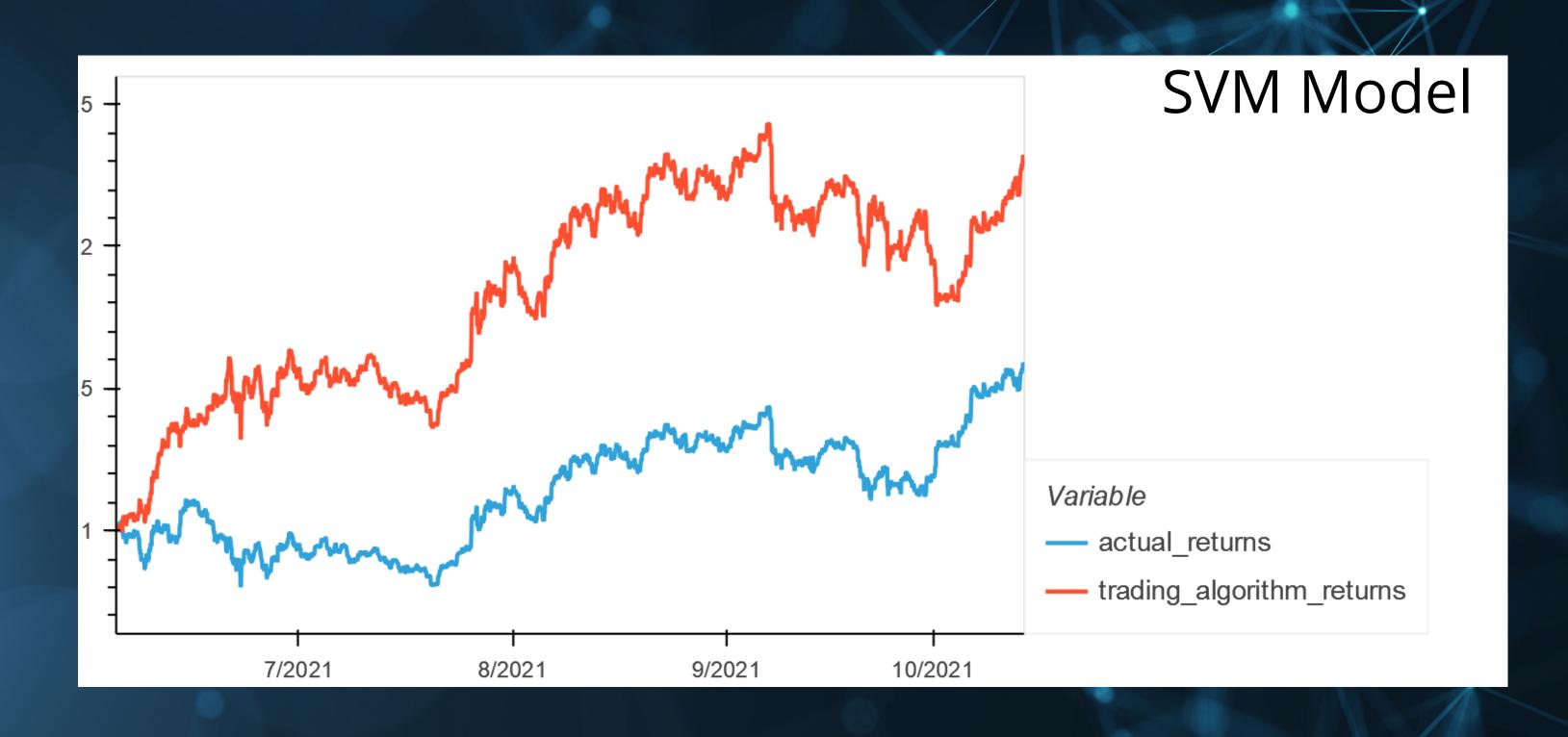




Our Product



Algorithmic Trading



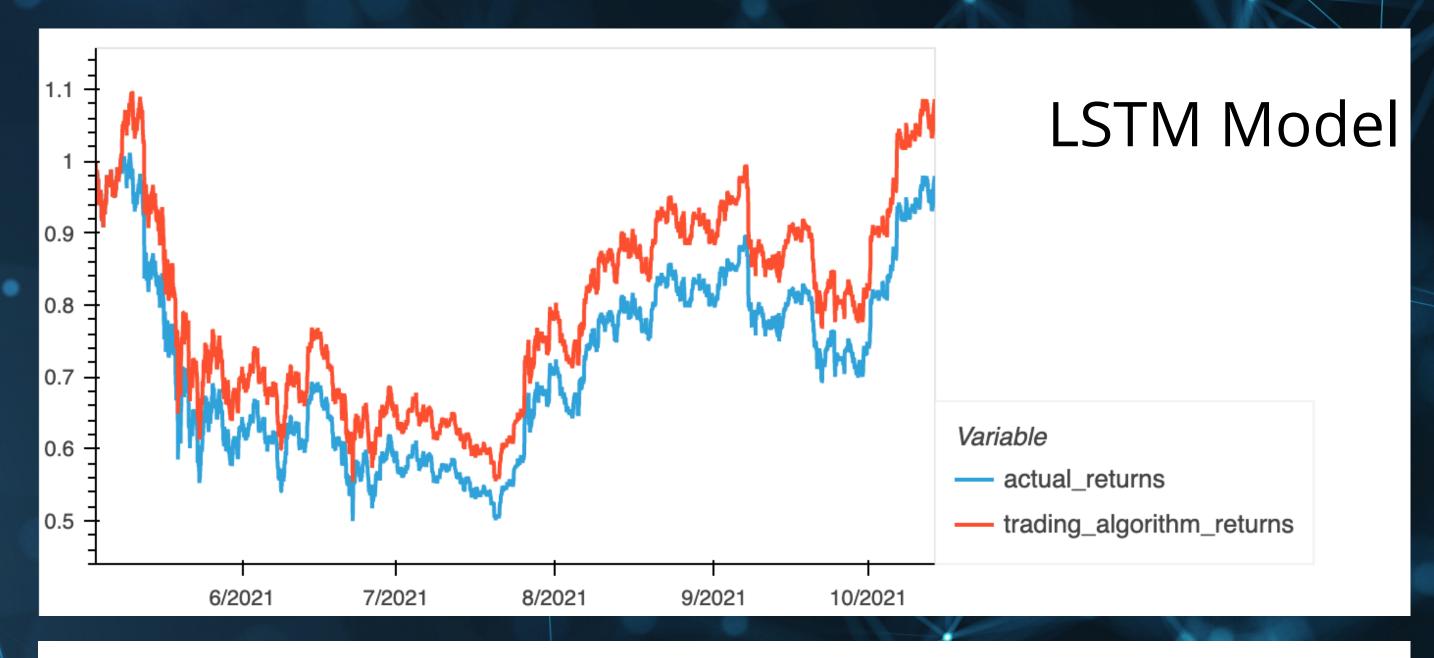
Fear and Greed Index



Historical Values Now 78 **Extreme Greed** Yesterday Greed Last week Greed Last month Neutral

	close	fear_greed	WMA	BBWIDTH	SMA20	SMA100	WMA
index							
2021-06-04 12:00:00+01:00	36678.476562	27	36873.516927	0.097004	37971.834570	37341.809922	36873.516927
2021-06-04 13:00:00+01:00	36552.988281	27	36764.906076	0.101478	37870.076367	37348.967500	36764.906076
2021-06-04 14:00:00+01:00	36894.601562	27	36752.502865	0.101086	37771.713086	37355.958359	36752.502865
2021-06-04 15:00:00+01:00	36788.140625	27	36742.343750	0.100279	37669.487695	37363.466484	36742.343750
2021-06-04 16:00:00+01:00	36735.054688	27	36741.600521	0.100218	37577.814063	37361.575508	36741.600521
				<u> </u>			
	precision		recal	l f1-score		support	
-1.0	0.52		0.13		0.21	15:	19
1.0	0.53		0.89		0.66	1641	
accuracy					0.53 3160		50
macro avg	0.52		0.51		0.44 3160		50
weighted avg	0	0.52		3	0.45	310	50

Neural Network Model



97/97 - 0s - loss: 0.6928 - accuracy: 0.5180

Loss: 0.6927933096885681, Accuracy: 0.5180253386497498



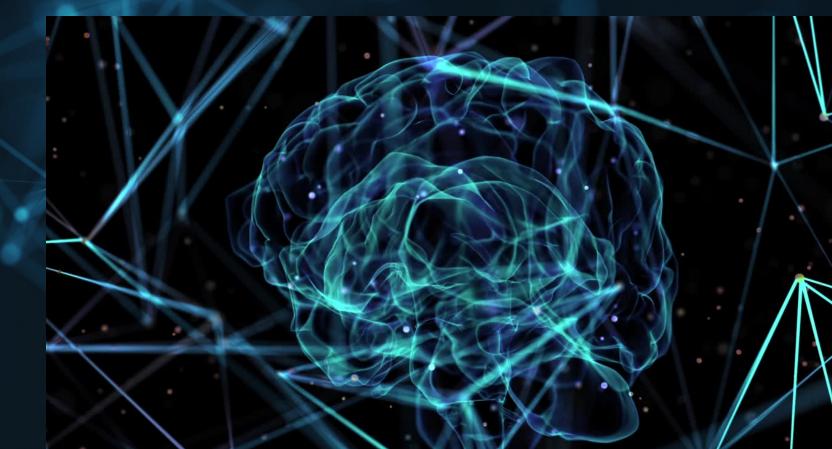
Free Tier:

Algorithmic trading bot for bitcoin and other cryptocurrencies

Subscription:

Algorithmic trading for 1-minute price data

Develop signals for just crypto currency



Technology Used

programming language- python 3.7 IDE- jupyter lab, Google colab repository- Github APIs: Alternativeme

yFinance Pandas Numpy Pathlibs FinTA Tensorflow scikit-learn Math Holoviews