

Kirill Afanasev (16,67%) Anastasia Vyunova (16,67%) Maria Malenkina (16,67%) Anna Peshkan (16,67%) Mark Khabarov (16,67%) Elena Yakovleva (16,67%)

Random walk theory

Unpredictable changing of prices

50% of price increasing and 50% of price decreasing

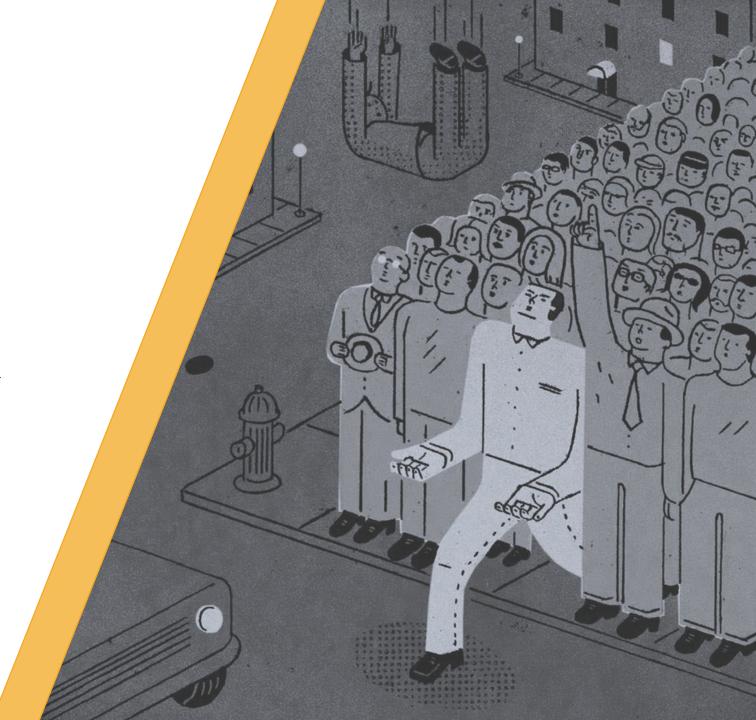
Prices – efficient

Knowledge of past – unprofitable



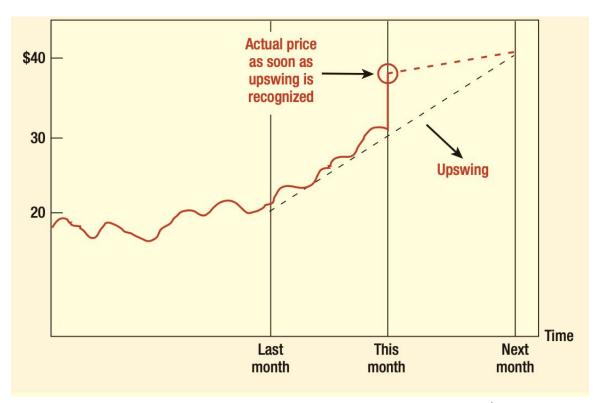
BUBBLE-

uncontrollable and sharp growth of prices



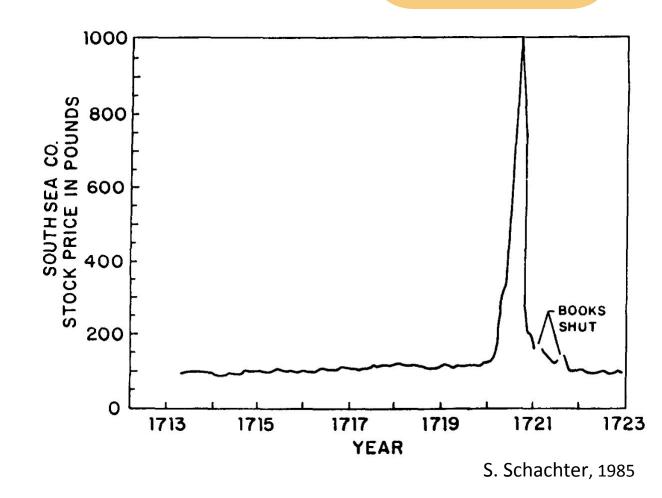
Bubble is a deviation of Random Walk

Random Walk



Brealay, 2014

Bubble

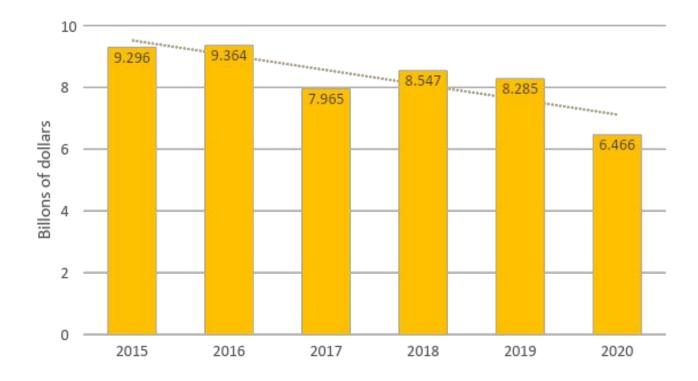




GameStop

an American video game, consumer electronics, and gaming merchandise retailer

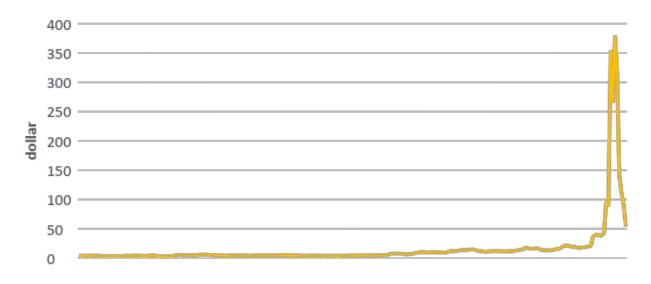
Annual revenue



Posts of famous people also affected the growth



Stock's price



Beginning of the situation



GAMESTOP IS A STEAL. TRADING UP 20% ON THE DAY AND IT WILL BE AT 10\$ BY MONTH END. But your calls and the stocks far OTM it doesn't really matter. This is the a tendies printer. THE THRUSTERS ARE LOADING



CONSEQUENCE S



Lost up of funds in a few hours, or were lottery winners



The losses of hedge funds amounted to \$70 billion



The middle class lost money, when the hedge fund lost it



Robinhood
suspends
trading and was
forced to raise at
least \$1 billion



Claims of infringement of the rights and accusations of corruption



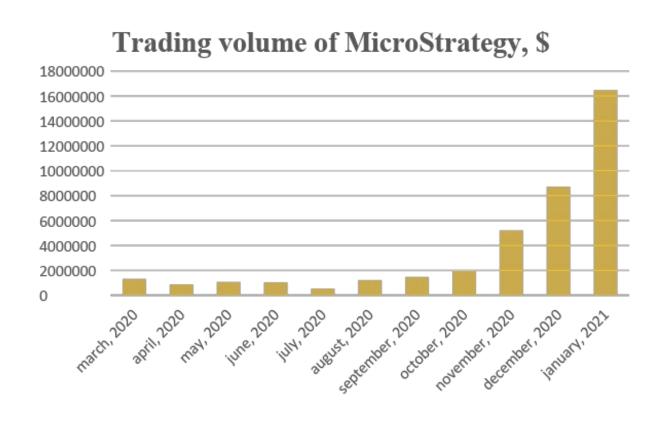
An American PUBLIC COMPANY with the revenue of \$486 million (2019)

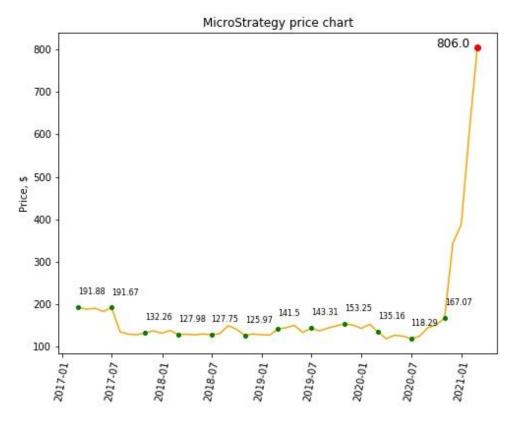


INDUSTRY: Business intelligence and mobile software

The company experienced a burst of bubble in March 2000

The trading volume of shares from march 2020 till January 2021





	2016	2017	2018	2019	2020
ROE Tot Equity, %	18,05	10,74	3,42	6,62	-1,42
ROA Tot Assets, %	12,76	7,31	2,17	3,88	-0,63
Income Aft Tax Margin, %	17,75	12,34	3,90	7,06	-1,57
Revenue/ Tor Assets	0,72	0,59	0,56	0,55	0,40
Long Term Debt/Equit, %	0,00	0,00	0,00	0,00	87,94
Total Debt/Equit, %	0,00	0,00	0,00	0,00	87,94

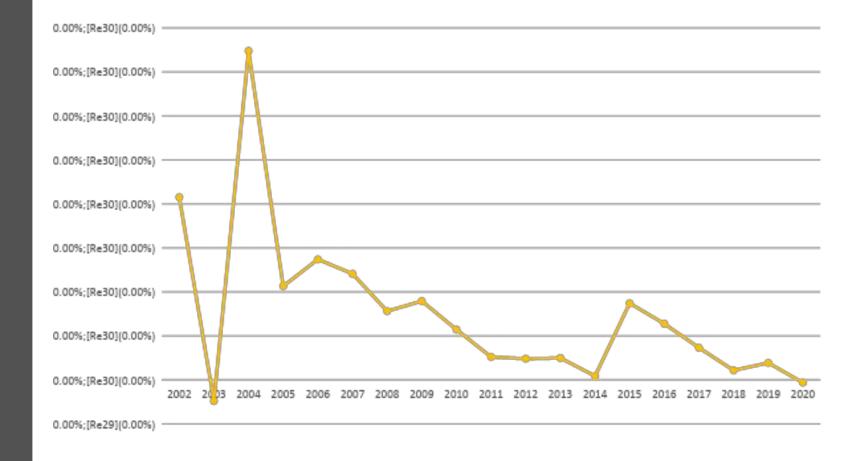
Profitability Analysis

- There are some initial coefficients which show the dynamic of the company's development, they provide the knowledge helping us to understand how fair is the estimation of MicroStrategy.
- All of indexes in 2020 are worse than in previous periods from 2016 to 2019.

Return on assets (ROA), Microstrategy

Return on assets shows us the efficiency of the company, how it uses its assets and how fast the company recoup the investments.

As for the 2020 the operation income was negative so the ROA was negative too.



Daily Chart of P/E (Capitalization of the Company/Earnings

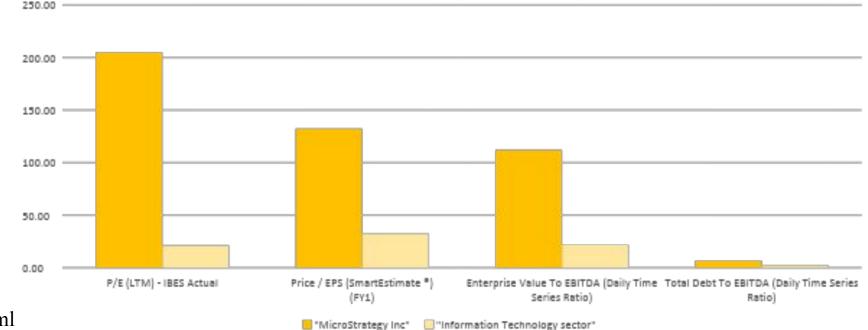
EBITDA – an income before taxes, paying interest, amortization and depreciation.

LTM - a period of latest twelve months of some marks.

IBES – institutional brokers' estimate system



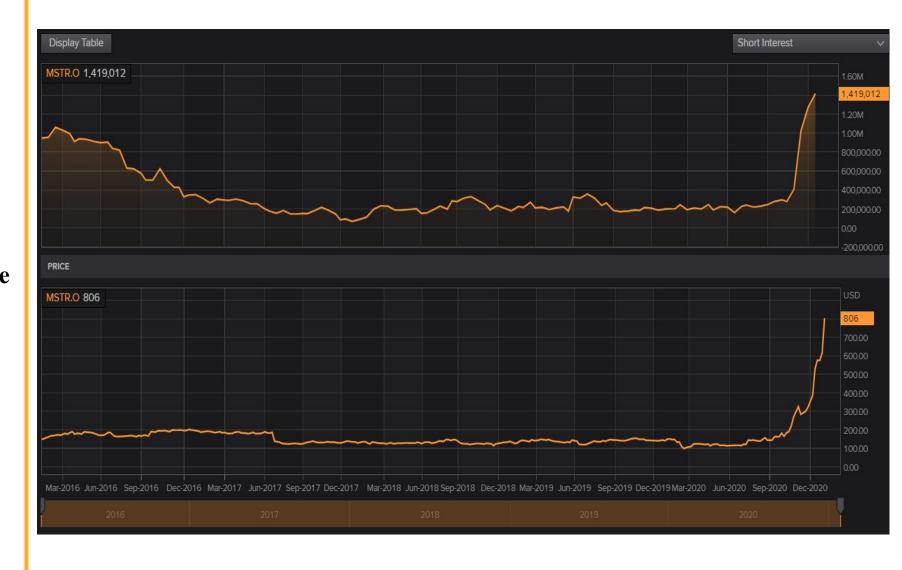




https://eikon.thomsonreuters.com/index.html

the interest to the short swaps
become more popular with the
price of equity rises.

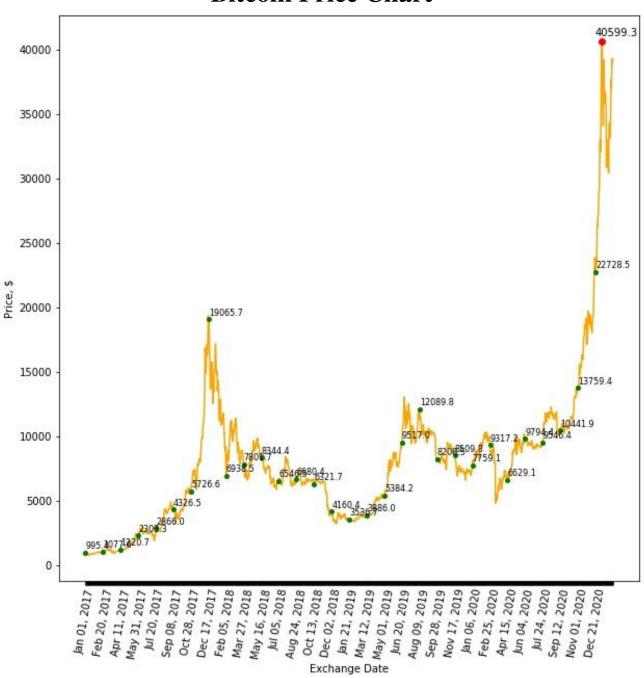
For the 5th of February there were about 20% of opened short positions to the free-float.



MicroStrategy spent over 1 billion \$ on this investment and the average price of the cryptocurrency in their portfolio is 21,925 \$ per coin.

The bitcoin price chart is needed in analysis because almost all the free cash flow was spent in order to buy Bitcoin.

Bitcoin Price Chart



Investors' action

- The **investors demonstrate a high interest** to MicroStrategy shares as managers decided to invest free cash flow in Bitcoin. That was the only news which provoked frequent growth of shares' price.
- This asset has approximately **equal price hesitation** so here we can suggest about correlation existence between assets.
- Currently, the company earned from this investment about \$1 billion but the price achieved 6x growth from the beginning of the attachment.

Sources

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