

**We are interested in three areas.  
We hope at least one of them  
deserves attention.**



# Three hypotheses are as follows...

## **ELON MUSK**

Dependence of the growth of US stocks on Elon Musk's tweets



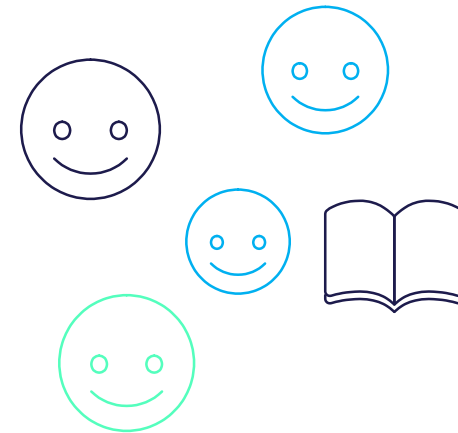
## **BITCOIN**

The relationship between the growth in the cost of bitcoin and the growth of cyber attacks



## **STUDENTS - ALCOHOLICS**

Dependence of academic success on alcohol consumption.

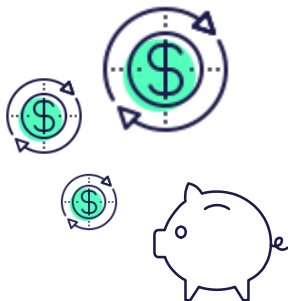




# Why this is important?

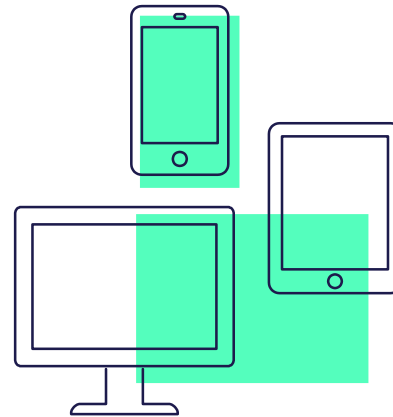
## ELON MUSK

Get the ability to predict the rise / fall in the value of shares (to fulfill the dream of millions of fans of an instant way to get rich by buying and selling shares)



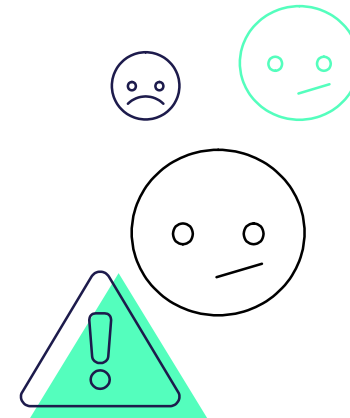
## BITCOIN

Not people, but our PCs and servers are needed for background mining of bitcoins around the world



## STUDENTS - ALCOHOLICS

Provide students with information about how high the risks of failing exams are



# Tables to compare data

## ELON MUSK

📅 date	🕒 time	🌐 timezone	👤 user_id	👤 username	👤 name
date of the tweet	time of the tweet	-300 minutes relative to UTC (EST)	user id	Twitter username	full listed name
2021-03-27	22:37:15	300	44196397	eIonnusk	EIonn Musk
2021-03-27	22:36:25	300	44196397	eIonnusk	EIonn Musk
2021-03-27	22:35:06	300	44196397	eIonnusk	EIonn Musk
2021-03-27	22:34:32	300	44196397	eIonnusk	EIonn Musk
2021-03-27	10:49:25	300	44196397	eIonnusk	EIonn Musk
2021-03-27	05:48:34	300	44196397	eIonnusk	EIonn Musk
2021-03-27	05:34:31	300	44196397	eIonnusk	EIonn Musk
2021-03-27	05:16:42	300	44196397	eIonnusk	EIonn Musk
2021-03-27	05:09:14	300	44196397	eIonnusk	EIonn Musk

## CYBER ATTACKS & BITCON

2000	12/8/2009	Hacking/IT Incident	Desktop Computer, Network Server, Electronic Medical Record	2014-01-23
10000	10/22/2009	Theft	Other Portable Electronic Device	2014-01-23
646	11/26/2009	Theft	Laptop, Desktop Computer	2014-01-23

Bitcoin	BTC	2013-04-29 23:59:59	147.48800659179688	E-mail	2014-01-23
Bitcoin	BTC	2013-04-30 23:59:59	146.92999267578125		
Bitcoin	BTC	2013-05-01 23:59:59	139.88999938964844	Other Portable Electronic Device, Other, Electronic Medical Record	2014-01-23
Bitcoin	BTC	2013-05-02 23:59:59	125.5999984741211		
Bitcoin	BTC	2013-05-03 23:59:59	108.12799835205078	Other	2014-01-23
Bitcoin	BTC	2013-05-04 23:59:59	115.0		
Bitcoin	BTC	2013-05-05 23:59:59	118.80000305175781	Paper	2014-06-30
Bitcoin	BTC	2013-05-06 23:59:59	124.66300201416016		
Bitcoin	BTC	2013-05-07 23:59:59	113.44400024414062		
Bitcoin	BTC	2013-05-08 23:59:59	115.77999877929688		
Bitcoin	BTC	2013-05-09 23:59:59	113.45999808447266		

## STUDENTS

	school	sex	age	address	famsize	Pstatus	Medu	Fedu	Mjob	Fjob	...	famrel	freetime	goout	Dalc	Walc	health	absences	G1	G2	G3
0	GP	F	18	U	GT3	A	4	4	at_home	teacher	...	4	3	4	1	1	3	4	0	11	11
1	GP	F	17	U	GT3	T	1	1	at_home	other	...	5	3	3	1	1	3	2	9	11	11
2	GP	F	15	U	LE3	T	1	1	at_home	other	...	4	3	2	2	3	3	6	12	13	12
3	GP	F	15	U	GT3	T	4	2	health	services	...	3	2	2	1	1	5	0	14	14	14
4	GP	F	16	U	GT3	T	3	3	other	other	...	4	3	2	1	2	5	0	11	13	13
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
390	MS	M	20	U	LE3	A	2	2	services	services	...	5	5	4	4	5	4	11	9	9	9
391	MS	M	17	U	LE3	T	3	1	services	services	...	2	4	5	3	4	2	3	14	16	16
392	MS	M	21	R	GT3	T	1	1	other	other	...	5	5	3	3	3	3	3	10	8	7
393	MS	M	18	R	LE3	T	3	2	services	other	...	4	4	1	3	4	5	0	11	12	10
394	MS	M	19	U	LE3	T	1	1	other	at_home	...	3	2	3	3	3	5	5	8	9	9

# Thanks!



**Any questions? You can find us at:**

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