

ID	Tweet	Std Prize	Comp
0	hold-down firing of @spacex falcon 9 at vandenberg air force completed. all systems are go for launch next week.	-0.0405	-0.34
1	@pensasoda <a href="https://t.co/6ies7xbubs">https://t.co/6ies7xbubs</a> via @wired	-0.0341	0
2	@fatihorhan @spacex that was a great game	-0.0341	0.6249
3	if all looks good, hw2 autopilot functionality will switch from shadow to active mode by end of week for cars beyond initial 1000	-0.0341	0.6808
4	@olivierw4 longitudinal control will, but lateral (steering) control will cap at 35 mph for a bit longer. will raise after full fleet data rolls in.	-0.0341	0
5	@matt_mantyla @teslamotors increasing capacity at existing supercharger locations now has top priority. some are overflowing while a nearby one is empty.	-0.0845	0
6	@mbhnyc it will in an upcoming release later this year	-0.0845	0
7	@redletterdave the least cool characters...it's embarrassing	-0.0845	-0.5517
8	@mjreddymd if the results look good from the latest point release, then we are days away from a release to all hw1 and to all hw2 early next week	-0.0885	0.4404
9	promising early results from the ludicrous easter egg. looks like 0 to 60 mph in 2.34 sec (motor trend spec) might be achievable...	-0.0885	0.7579
10	@robsmallshire @claremacraeuk it will	0.1312	0
11	@trevoclark good point. 2.34 would be a production tesla. stripped down, maybe as low as 2.1.	0.1312	0.2023
12	@jrmgrnbrgr hopefully, early next week. results from limited release look good so far. trying our best to be super careful.	0.1312	0.9246
13	@gurnam @brianstucki @reddit it is	0.1312	0
14	@motortrend sarah should be in contact with you soon about doing a benchmark test	0.1312	0
15	@brandonr182 @sama have you tried steam engines? they are amazing.	0.1312	0.5859
16	falcon before launch <a href="https://t.co/qqxvtbijof">https://t.co/qqxvtbijof</a>	-0.0541	0
17	@visakanv one million	-0.2035	0
18	final report on autopilot issued by @nhtsagov is very positive <a href="https://t.co/ksozsrr3I9">https://t.co/ksozsrr3I9</a>	-0.2035	0.5574
19	report highlight: "the data show that the tesla vehicles crash rate dropped by almost 40 percent after autosteering installation."	-0.2035	-0.0772
20	@gavinnwaters looking good so far. should roll out this weekend.	-0.2035	0.4404
21	@modularlifesys @nhtsagov it might. am not sure.	-0.2035	0.3182
22	@cameronrad not specifically, but there have been several incidences of pedestrian and bicyclist lives saved by autopilot	-0.2035	0.4215
23	@tochote our target is a 90% reduction with hw2 as the software matures	-0.2035	0
24	@ukpjds similar to spacex, the t is like a cross section of an electric motor, just as the x is like a rocket trajectory	-0.2035	0.6124
25	validating a gpu driver fix and camera pitch angle health check for hw2	-0.0173	0
26	autopilot for hw2 rolling out to all hw2 cars today. please be cautious. some cars will require adjustment of camera pitch angle by service.	-0.0173	0.2263
27	@jakebathman car won't complete camera calibration. working on software solution to adjust image crop dynamically, so camera more robust to pitch angle.	-0.0173	0.5719
28	@gdoehne expendable. future flights will go on falcon heavy or the upgraded falcon 9.	-0.0173	0
29	@vinnylingham unfortunately, that would require stripping down the entire car and replacing 300+ parts. wish there was an easy way.	-0.0173	0.4939
30	@ritachung16 yes	-0.0173	0.4019
31	@dtweiseth tesla will never stop innovating. people are buying the wrong car if they expect this. there will be major revs every 12 to 18 months.	-0.0173	-0.2987
32	@dtweiseth if we applied resources to doing super complex retrofits, our pace of innovation would drop dramatically	-0.0173	0.6597
33	@hendrikstruik the 100d price takes into account exchange rate shifts, whereas other vehicle prices haven't yet been adjusted	-0.0173	0
34	@thesammmyyd for now	-0.0173	0
35	@dnansink40 autonomy capability should improve via ota every 2 to 6 weeks	-0.0173	0.4404
36	auto steer limited to 45 mph on highways for now, i.e. heavy traffic, where it is needed most. limit will raise as we get more data.	-0.0173	-0.2263
37	@stephenstohn yes, safety should improve significantly due to autonomy features, even if regs disallow no driver present	-0.0173	0.8126
38	@tsrandall 3 months maybe, 6 months definitely	0.0244	0.4019
39	@dean_arexdng there will be a software update this weekend that improves self-calibration ability	0.0244	0.6249
40	@theeconomist this may sound surprising coming from me, but i agree with the economist. rex tillerson has the potential to be an excellent sec of state.	-0.1819	0.8074
41	@danahull rex is an exceptionally competent executive, understands geopolitics and knows how to win for his team. his team is now the usa.	-0.1819	0.5859

42	@danahull i share the economist's opinion that he should be given the benefit of the doubt unless his actions prove otherwise	-0.1819	0.4019
43	@redletterdave ok, fine. soldier 76. my dark secret is out ...	-0.1819	0.4588
44	@theeconomist tillerson at his confirmation hearing: "i think it's important that the united states maintain its seat at the table in the conversation ..."	-0.1819	0.2023
45	@theeconomist ... on how to address threats of climate change. they do require a global response."	-0.1819	-0.4215
46	tillerson also said that "the risk of climate change does exist" and he believed "action should be taken"	-0.1819	-0.2732
47	@michael_mclean that may be a difficult award to decline	-0.1819	0.25
48	sigh	-0.1819	0.0258
49	@nivo0o0 was wondering what those were	-0.1819	0
50	@michaemann no they don't	-0.1819	0
51	@michaemann i'm just saying that we should see what happens first. the actions may be surprising.	-0.1819	0.2732
52	rex tillerson supports a carbon tax. this is what is really needed to move the needle. <a href="https://t.co/6ne01tozs1">https://t.co/6ne01tozs1</a>	-0.1819	0
53	@belovedrevol maybe next month	-0.1819	0
54	@clay_ellis yup	-0.1819	0
55	@_wsimson starting across from my desk at spacex. crenshaw and the 105 freeway, which is 5 mins from lax	-0.1819	0.0516
56	@theskinsfactory earthquakes tend to have the biggest effect on the surface, like waves on water. that's why la can have a (lame, but getting better) subway.	-0.1819	0.3818
57	@suzie_official yeah, am hearing this from a lot of people & it's getting me down. i'm just trying to make a positive contribution & hope good comes of it.	-0.0610	0.891
58	hyperloop pod race happening this weekend at spacex hq (near lax). we built a ~mile long vacuum tube on our campus big enough to fit people.	-0.0610	0.3612
59	and we start digging the tunnel tonight <a href="https://t.co/uysi0qg34">https://t.co/uysi0qg34</a>	-0.1573	0
60	@miguelgarnido @popsci this is silly. if adding lanes actually did make it worse, that would imply removing lanes makes it better. obv not true.	-0.1573	0.4019
61	the blanket entry ban on citizens from certain primarily muslim countries is not the best way to address the country's challenges	-0.1573	0.765
62	many people negatively affected by this policy are strong supporters of the us. they've done right,not wrong & don't deserve to be rejected.	-0.1573	0.3612
63	@parparv it is not	-0.1573	0
64	@danmoran3 @redletterdave exactly. there is no possibility of retraction, but there is possibility of modification. it's just a non-zero possibility. don't know more.	-0.1573	0
65	reading the source material is better than reading other people's opinions about the source material <a href="https://t.co/hkiykbdb3g">https://t.co/hkiykbdb3g</a>	-0.1573	0.4404
66	@jacobofer yes, the order is still bad, but it is always important to read the source material	-0.1573	0
67	@mcwm @jackclarksf yeah, sorry about that :)	-0.1573	0.2263
68	@inhaleray i agree with creating great jobs, restoring us strength as a great manufacturer of products and anything that makes the future exciting	-0.1573	0.9661
69	top ai researchers agree on principles for developing beneficial ai <a href="https://t.co/catbd4oidf">https://t.co/catbd4oidf</a>	-0.1573	0.5106
70	@reesandersen @flixrisk yes, i believe that is critical to ensure a good future for humanity	-0.1573	0.7096
71	@lotte_world yes	-0.0142	0.4019
72	regarding the meeting at the white house: <a href="https://t.co/8b1xh4ow6h">https://t.co/8b1xh4ow6h</a>	-0.1208	0
73	there has already been and there will be progress on this matter	0.0841	0.4404
74	@mcun1 yes. green cards & dual citizens already ok. work & spousal visas not yet, but hopefully soon. this is separate from judicial action.	0.0841	0.765
75	minecraft <a href="https://t.co/lu1yzjjloz">https://t.co/lu1yzjjloz</a>	0.0841	0
76	video of mit's entrant into the spacex hyperloop competition. air has been removed from the hyperloop tube to almost vacuum conditions. <a href="https://t.co/bap7kdkzhs">https://t.co/bap7kdkzhs</a>	0.0841	0
77	@officeofomar maybe	0.0841	0
78	@petergleick @business first i've heard of this meeting. will find out why.	0.0841	0
79	at my request, the agenda for yesterday's white house meeting went from not mentioning the travel ban to having it be first and foremost	0.0841	0
80	in addition, i again raised climate. i believe this is doing good, so will remain on council & keep at it. doing otherwise would be wrong.	0.0841	-0.0516
81	@daniellebloeme yes, for now, but this should be addressed on all fronts: judicial, legislative and executive.	0.0841	0.4019
82	@eveegdmann really don't want to get in politics. i just want to help invent and develop technologies that improve lives. feels so bizarre.	0.0841	0.669
83	26 ft diameter tunnel running 2 miles under d.c. <a href="https://t.co/xfqkioesg8">https://t.co/xfqkioesg8</a>	0.0841	0

84	@ana_lontana nuances are important :)	0.0841	0.2023
85	@alext4627 that's exactly what i thought. love half-life.	0.0841	0.6369
86	@bonnienorman @advandermeer wow, cool!	0.0841	0.7269
87	@oldmanriver1800 then so be it. i'd rather do what i believe is right, than do what appears right simply to avoid criticism.	0.0841	-0.6249
88	@nintendomaniac @alext4627 i wish!	0.0841	0.4019
89	many in america don't realize how proud they should be of the legal system. not perfect, but nowhere is the cause of justice better served.	0.0841	0.9274
90	@biesseman true!	0.0841	0.4215
91	@ilexomat there are many good legal systems on par with us. just don't know any that are better.	0.0841	0.743
92	@callumk24 ok, but what's up the wigs?	0.0841	0.296
93	@humplik the remedy for that is changing the law	0.0841	0
94	@thelaadams the laws need to change. judges are responsible for evaluating whether an action breaks the law, not making law.	0.0841	0.3182
95	@zgiarizzo exactly	0.0841	0
96	@paulvankeep mostly anti-drug laws	0.0841	-0.3182
97	@martinengwicht also good. there are several that are on par with us. just don't think any are better. people confuse laws with courts.	0.0841	0.7003
98	@kenemonics you're right. politics is a no-win situation. somebody is going to hate what you say no matter what that is.	0.0841	0.0516
99	@fifthrocket did you read my tweets? i attacked it hard. did not defend.	0.0841	-0.5267
100	@vladsavov those countries have strong justice systems, but i'd put them roughly on par with us. that rating system conflates many factors.	0.0841	0.7717
101	@erichaegler @ilexomat isn't that basically like having a jury of peers? that is a default option in the us.	0.0841	0.3612
102	@bittermercy @callumk24 actually, i think it's kinda cool :)	0.0841	0.2516
103	@w4as good grief, i'm not "working" for trump. i'm trying to provide advice that helps take things in a more positive direction.	0.0841	0.7096
104	@bullflags yeah. and twitter is a hater hellscape.	0.0841	0.296
105	@aanstadgard norway is great on all levels. love norway!	0.0841	0.8519
106	@bencam137 @fifthrocket exactly	0.0841	0
107	@realphillippon needs a major overhaul	0.0841	0
108	activists should be pushing for more moderates to advise president, not fewer. how could having only extremists advise him possibly be good?	0.0841	0.4404
109	@andresantonio fair point, sorry	0.0841	0.25
110	@marcelsalathe not perfect & cd be better, but 10th out of 200+ countries with only a 0.08 diff to "1st" place means it's essentially on par	0.0841	0.765
111	@daringkid true. me being one of them :)	0.0841	0.4215
112	@brendangage i agree, great country! looking forward to taking my kids for a visit. i've heard it is incredibly beautiful.	0.0841	0.8955
113	@fredericlambert me too. i hope to get back to regularly scheduled programming soon ...	0.0841	0.4404
114	@b0turner gravimetric energy density of batteries and achieving a high cell mass fraction	0.0841	0.2732
115	@seanbroswag @fredericlambert numeric	0.0841	0
116	@thelogicbox @ianrosswins mars is critical for the long-term survival of humanity and life on earth as we know it	0.0841	-0.3182
117	@martinengwicht @fredericlambert i just had three coffees :)	0.0841	0
118	@iamdeveloper really? ok, i will work harder on thinking first and tweeting second. sorry for anything thoughtless.	0.0841	0.2944
119	@recipher we should try our best	0.0841	0.6369
120	@wise1919 @fredericlambert rolling out a new update today.	0.0841	0
121	@cycletrades @rtoro20 people should push to have as many moderates advising the president as possible. blind hate is never the right answer.	0.0841	-0.5719
122	@fredericlambert yeah, it is hard to convey complex ideas in 140 chars and tone is lost in text	0.0841	-0.128
123	@trylks a lot of terrible things could happen in four years of extremism. do you really want another war? that's where extremism leads.	0.0841	-0.7698
124	@christesla @fredericlambert almost there. we are just being very careful with the rollout.	0.0841	0.079
125	@clay_ellis i will post an article he wrote half a century ago about flying through africa and asia in his plane. one of my favorite things.	0.0841	0.4588
126	@fredericlambert yes, but model 3 is the overwhelming priority	0.0841	0.4019
127	@mactechgenius app update is about two weeks out. linux kernel and browser update probably a month or so. hw2 autopilot has priority.	0.0841	0
128	@camdtor @trylks almost ready	0.0841	0.2975
129	@qriosity_ @mactechgenius no rare earth metals in battery	0.0841	0

130	signing off now. that was more than enough twitter trouble for one morning!	0.0841	-0.4019
131	production tesla model s p100dl sets motor trend all-time world record to 60 mph in 2.27 sec <a href="https://t.co/sxalqrm5ls">https://t.co/sxalqrm5ls</a>	-0.1239	0
132	@quick_pi yes	-0.1239	0.4019
133	@jovanik21 take out the floor mats and its 2.27. mt said everything had to be standard production.	-0.1239	0
134	@veidit no plans to take x, s (or 3) above 100 kwh. semi necessarily and pickup truck maybe will go above.	-0.1239	0
135	@jovanik21 also, tesla service can remove front trunk liner if you don't use it and improve performance further	-0.1239	0.4404
136	@jovanik21 @veidit no, will be lower. wheelbase can't fit 100.	-0.1239	0.0772
137	@mdcdave yes, altitude improves performance for electric. opposite of combustion cars.	-0.1239	0.6705
138	@goel_ishan hoping for summer this year	-0.1239	0.4215
139	@batlag yes	-0.1239	0.4019
140	george schultz and jim baker article in @wsj regarding a carbon tax <a href="https://t.co/tf2urgms85">https://t.co/tf2urgms85</a>	0.0240	0
141	@voltzcoreaudio i don't know what make you think that's a rocket. it's completely covered in a tarpaulin...	-0.0271	0
142	@sureal808 motor trend could only achieve 2.4 sec when they tested the porsche 918	-0.0271	0
143	@sundalj should all be uploaded by next month	-0.0271	0
144	@dkniseleyes of course it will	-0.0271	0
145	@rusulalrubail @markruffalo @guardian please check your facts. tesla and spacex joined as soon as we received the filing, which was monday.	-0.1192	0.3182
146	@accohen @megangeuss @arstechnica exactly. what this person said is untrue.	-0.1192	0
147	falcon 9 rocket now vertical at cape canaveral on launch complex 39-a. this is the same launch... <a href="https://t.co/wy6dwrcer3">https://t.co/wy6dwrcer3</a>	-0.1192	0
148	@seacitylight @nas2four sounds like the tesla powerwall (consumer) and powerpack (utility/commercial) might be useful	0.1503	0.6597
149	@lollieshopmom best place to watch is on the cape causeway	-0.1107	0.6369
150	congrats to the tesla owner who sacrificed damage to his own car to bring a car with an unconscious driver safely to a stop!	-0.1107	0.296
151	in appreciation, tesla is providing all repair costs free of charge and expedited. <a href="https://t.co/d68hnjcc0q">https://t.co/d68hnjcc0q</a>	-0.3228	0.765
152	@ludwigmorelos you're right, i can't hide any more! i am irony man...	-0.3228	-0.2263
153	apparently, there is this thing called "dad jokes" and i make them	-0.3228	0.25
154	@floydilicious yeah, awesome achievement by isro. very impressive!	-0.3228	0.8625
155	@littledovah yeah, exactly. so that makes it cool, right!?	-0.3228	0.5423
156	@osiris26 you may come to regret that request :)	-0.3228	0
157	@vrgtech @floydilicious they are doing india proud	-0.3228	0.4767
158	ok, what are some good ones? will have to meter these out. hopefully, kids can't die from groaning too much.	-0.3228	0.4404
159	@phoebecoleman i used that one :)	-0.3228	0
160	@sc00bs it's much easier to do the cgi that way	0.0647	0.4215
161	@emenietti @chafkin yes, but only deep in solid rock, where the walls are self-supporting and concrete reinforcements arguably aren't needed	0.0647	0.6369
162	investigating a (very small) leak in the upper stage. if ok, will launch tomorrow. <a href="https://t.co/bqf97lywn4">https://t.co/bqf97lywn4</a>	0.0647	-0.0516
163	excellent tesla model x review <a href="https://t.co/wvog4pbo1o">https://t.co/wvog4pbo1o</a>	-0.3171	0.5719
164	@adrianvolts minor improvements update this weekend. high speed autosteering in about two weeks.	0.0156	0.3182
165	@davidshepardson @bw @att @toysrus exactly :)	0.0156	0
166	@donbarbieri @greencarreports good chance it will	0.0156	0.5994
167	@johnpaulbrewer something on a tristate border might work. gigafactory plus nearby supporting supply chain needs a very large workforce.	0.0156	0.4404
168	roller coasters are awesome	-0.1594	0.6249
169	@duediamond maybe one of those too	-0.1594	0
170	@mactechgenius of course	-0.1594	0
171	spacex announcement tomorrow at 1pm pst	-0.1594	0
172	fly me to the moon ... ok <a href="https://t.co/6qt8m5shwn">https://t.co/6qt8m5shwn</a>	0.0616	0.296
173	@jamesatbuzz this is not true. tm works for a lot of people and that's great, but i've maybe done it 7 or 8 times ever.	0.0616	0.7845
174	spacex could not do this without nasa. can't express enough appreciation. <a href="https://t.co/uqpi60zav7">https://t.co/uqpi60zav7</a>	0.0616	0.5106
175	thank you for the lovely letter. that sounds like a great idea. we'll do it! <a href="https://t.co/ss2wmkogyk">https://t.co/ss2wmkogyk</a>	-0.0831	0.9169
176	<a href="https://t.co/3ysxzq1evi">https://t.co/3ysxzq1evi</a>	-0.0115	0
177	@simonakitzu self-hatred	-0.0115	0

178	@zedd will send you one	-0.0115	0
179	@mcannonbrookes tesla will get the system installed and working 100 days from contract signature or it is free. that serious enough for you?	-0.1763	0.4588
180	@mcannonbrookes \$250/kwh at the pack level for 100mwh+ systems. tesla is moving to fixed and open pricing and terms for all products.	-0.1763	0
181	@shails yes, but shipping, taxes/tariffs and installation labor vary by country, as those costs are beyond our control	-0.1763	0.4019
182	@mcannonbrookes just spoke with @jayweatherill, premier of south australia. very impressed. govt is clearly committed to a smart, quick solution.	-0.0661	0.8979
183	you're most welcome. very exciting to discuss the future of electricity. renewables + storage arguably biggest disruption since dc to ac. <a href="https://t.co/7uxouqf29f">https://t.co/7uxouqf29f</a>	-0.0661	0.4019
184	ironically, direct current is the right approach today, even though alternating was right in the past. solar power & electronics both dc.	-0.0661	0
185	@williamwinters high voltage dc is for sure the best way to transmit electricity over long distances. good explanation at <a href="https://t.co/fojclhhyl">https://t.co/fojclhhyl</a>	-0.0661	0.8555
186	@jmmzherrera answer is complex for electric motors. we use an ac induction motor fed by a dc pack thru an igbt inverter, which kinda "digitizes" dc power	-0.0661	0
187	@ah_pton16 i love wikipedia. just gets better over time.	-0.0661	0.7964
188	just wanted to write a note of appreciation to the many australians who came out in support of the battery plan, especially @mcannonbrookes	-0.0661	0.7184
189	.@mcannonbrookes can only happen with your support, and working closely with key govt and utility leaders who are strongly committed to trying new approaches	-0.0661	0.7096
190	@5allanlevito @mcannonbrookes @vgroysman sure. just check out my prior tweet on pricing (\$250 kwh at pack level). website will be updated soon, so there is complete transparency.	-0.0661	0.3182
191	@legit_bacon @mcannonbrookes looking forward to it. i know it's cliche, but lotr is my favorite book ever :) want to see the set and take my kids on tour of greater nz.	-0.0661	0.7003
192	@bizbuilderusa @mcannonbrookes it's been a bear to get done, but prob 10 days or so, depending on full speed autosteer test results	-0.0661	0
193	@andreelijah ok	-0.0661	0.296
194	finally, an explanation for daylight savings that makes sense ... <a href="https://t.co/kgpjhngrjo">https://t.co/kgpjhngrjo</a>	0.2335	0
195	@priyancaford i wish. it's so annoying.	0.2335	0
196	@kyleugh good point	0.2335	0.4404
197	@capnjesus @lurpatron @mkbh @jakerawr 3 is a great car, but definitely model s	-0.1140	0.7783
198	@karaswisher i am not. this bill changes almost nothing about what nasa is doing. existing programs stay in place and there is no added funding for mars.	-0.0087	0
199	@karaswisher perhaps there will be some future bill that makes a difference for mars, but this is not it.	-0.0087	0
200	@x17online except that isn't actually my house ...	-0.1214	0
201	@wouterhuijs looks like tues/wed for 8.1 release	-0.1214	0.3612
202	@nites ~spawn npc.alien	0.0996	0
203	@nites i hope that didn't work	0.0996	0.4404
204	@phirate probably. either that, simulation, great filter or they are very, very subtle.	0.0996	0.6249
205	@lennart375 @inversedotcom the number of extinct single planet civilizations probably exceeds live civs by at least a thousand to one. i'm being optimistic.	0.0996	0.3818
206	@nextspaceflight @inversedotcom just because i'm building a spaceship to get back to my home planet doesn't mean i'm an alien	0.0996	0
207	@aaronpaul_8 i used to be one. you're welcome. trying my best, at least. hope it's a bit useful.	0.0996	0.8269
208	@macwalterslives looking forward to playing the game with my kids!	0.0996	0.2023
209	am noticing that many people think model 3 is the "next version" of a tesla, like iphone 2 vs 3. this is not true.	0.0996	0.6486
210	model 3 is just a smaller, more affordable version of model s w less range & power & fewer features. model s has more advanced technology.	0.0996	0.25
211	@timbeiko yes	0.0996	0.4019
212	model 3 was going to be called model e, for obvious dumb humor reasons, but ford sued to block it, so now it is s3x. totally different :)	0.0996	-0.6249
213	@swindeez definitely	0.0996	0.4019
214	@luciojr all tesla cars built since oct last year will be capable of self-driving as software improves	0.0996	0.6597
215	@varunfatehpuria oh model y is coming too in a few years. kinda have to.	0.0996	0
216	@greg525 how about now?	0.0996	0
217	@theken_miller sorta. model 3 is like a bmw 3 series or audi a4. model s is like bmw 5 and 6 series, but much faster, more storage space + autopilot	0.0996	0.6124
218	@alsabie yes. hardware already on all production s and x cars.	0.0996	0.4019
219	@jimpengelly yes, but not until next year	0.0996	0.4019

220	@skate_a_book yes. model s will always be the fastest tesla until next gen roadster, which is a few years away.	0.0996	0.4019
221	@timothymjr tues/wed next week	0.0996	0
222	@jdaz because i was a dumb idiot and didn't realize at the time that it would cause confusion	0.0996	-0.8316
223	@trojan81 tues/wed	0.0996	0
224	@fredericlambert @jimpengelly no, we are minimizing configuration complexity to keep the production ramp on schedule. rwd only for early production, just like model s.	0.0996	0.3612
225	@oakhaller i think so	0.0996	0
226	@trabru yup, machine arrives next month and we start digging the tunnel!	0.0996	0
227	@asimo3089 how about the video we just took of the first model 3 release candidate drive?	0.0996	0
228	@arctechinc the more autonomous a car is, the less dash info you need. how often do you look at the instrument panel when being driven in a taxi?	0.0996	0
229	@voltzcoreaudio nothing majorly new that a consumer would notice. lots of new tech in the design and production process though.	0.0996	0
230	@fredericlambert it still has one display	0.0996	0
231	first drive of a release candidate version of model 3 <a href="https://t.co/zcs6j1yra4">https://t.co/zcs6j1yra4</a>	0.0996	0
232	@meangene2030 damn straight we do! coming with 8.1 next week.	0.0996	-0.2023
233	@timshelton @fredericlambert @jimpengelly first in line for dual motor as soon as we can make it, which is probably in 6 to 9 months.	0.0996	0
234	@faultywarrior @matt_trulli @fredericlambert @timshelton @jimpengelly let me just go fetch my magic wand ...	0.0996	0
235	@djburses should be summer next year. sorry, really wish we could get rhd done sooner. we truly are working as fast as we can.	0.0996	0.6801
236	@juanmlemao no problem :)	0.0996	-0.4019
237	@bluebowles if fate is on our side, it will be amazing. will talk about that in detail next week.	0.0996	0.5859
238	@camkode the model s produced today is arguably version 4. let me put it this way: it is the car i will keep driving even after model 3 arrives.	0.0996	-0.25
239	@akawrecks @ckalapala only model s will have the seven seater option, more cargo space, plus higher range, acceleration, two screens vs one, auto extend handles ...	0.0996	0.1779
240	@dr_angus yeah, probably a year from now. s will still win on acceleration though, due to having more space for a larger battery.	0.0996	0.7184
241	@holsmichael start taking orders in april	0.0996	0
242	@toddgerkens yeah	0.0996	0.296
243	@kryniog the shorter wheelbase only allows for a 75 kwh pack in model 3 at current cell/module energy densities	0.0996	0.2732
244	@mr_ewe_guy oh so little faith	0.0996	0.3626
245	@nddugan yup	0.0996	0
246	@nickbaum i believe so	0.0996	0
247	@d1sneynut yes	0.0996	0.4019
248	@isabelle_kent yes	0.1537	0.4019
249	@erikhaaland we cannot make all country versions simultaneously or the production start would be a disaster. you would get first in norway.	0.1537	-0.6249
250	long neuralink piece coming out on @waitbutwhy in about a week. difficult to dedicate the time, but existential risk is too high not to.	-0.0938	-0.5574
251	@nickg_uk no	-0.0938	0
252	@nakatomitim what gave me away?	-0.0938	0
253	@nickg_uk @chouky02 you won't care	-0.0938	0.4939
254	@nickg_uk @chouky02 no	-0.0938	0
255	@business glad to have tencent as an investor and advisor to tesla	-0.0938	0.4588
256	@danahull very few. we have yet to do a china (or europe) launch of model 3.	-0.0938	0
257	@drmanejwala @arctechinc on center screen. also, center screen *will* show speed as an overlay that changes opacity according to relevance.	-0.1288	0
258	if you just downloaded v8.1, tap the the t on center screen three times	-0.1077	0
259	incredibly proud of the spacex team for achieving this milestone in space! next goal is reflight within 24 hours.	-0.1155	0.5256
260	@badastronomer @spacex thanks phil!	-0.1155	0.4404
261	@oxfordteddy browser is already a little better. kernel and browser update in prob 6 weeks or so (lots of underlying changes) with a few nice features.	-0.1155	0.6605
262	considering trying to bring upper stage back on falcon heavy demo flight for full reusability. odds of success low, but maybe worth a shot.	-0.1155	0.5423
263	falcon heavy test flight currently scheduled for late summer	-0.1155	0
264	@redletterdave good point, odds go from 0% to >0% :)	-0.1155	0.6124
265	@cheron a lot	-0.1155	0

266	@jasonlamb looks like it could do 20% more with some structural upgrades to handle higher loads. but that's in fully expendable mode.	-0.1155	0.3612
267	@tesla_addict @teslamotors working on it	-0.1155	0
268	@badastronomer we can def bring it back like dragon. just a question of how much weight we need to add.	0.1789	0.3612
269	technology breakthrough: turns out chemtrails are actually a message from time-traveling aliens describing the secret of teleportation	0.1789	0
270	why did we waste so much time developing silly rockets? damn you, aliens! so obtuse! you have all this crazy tech, but can't speak english!?	0.1789	-0.7783
271	@supercoolcube pretty good	0.1789	0.7269
272	@verge it won't matter	0.1789	0.0258
273	@lexxxzis it's just a helicopter in helicopter's clothing	0.1789	0
274	@daveleebbc @verge coal is dying due to nat gas fracking. it's basically dead.	0.1789	-0.6486
275	stormy weather in shortville ...	0.1789	0
276	@waltmossberg @mims @defcon_5 et tu, walt?	0.1789	0
277	@forin2020 @waltmossberg @mims @defcon_5 exactly. tesla is absurdly overvalued if based on the past, but that's irrelevant. a stock price represents risk-adjusted future cash flows.	0.1789	-0.2732
278	and so the robots spared humanity ... <a href="https://t.co/v7jujqwfcv">https://t.co/v7jujqwfcv</a>	-0.2678	0
279	feature coming soon that allows one touch access to all discovered tesla easter eggs <a href="https://t.co/owu6oq9jqb">https://t.co/owu6oq9jqb</a>	0.0139	0
280	@seanrowley2 latency should only be 5 min max. checking ...	0.0139	0
281	@chairheadmd @cheron fairing is ~\$5m, but that should be reusable this year. am fairly confident we can reuse upper stage too by late next year to get to 100%.	0.0139	0.4939
282	autolist survey finds tesla used car values are highest and sell fastest <a href="https://t.co/kcxhqwxva">https://t.co/kcxhqwxva</a>	-0.3218	0
283	@reuters this investor group should buy ford stock. their governance is amazing ...	-0.3218	0.5859
284	@reuters besides, i already said we'd add more independent members during scty merger. will announce soon, but this group has nothing to do with it.	-0.3218	0
285	@danahull @reuters yeah	-0.3218	0.296
286	tesla semi truck unveil set for september. team has done an amazing job. seriously next level.	0.0676	0.4767
287	@samgonzales next gen roadster will be convertible	0.0676	0
288	@noahmagel pickup truck unveil in 18 to 24 months	0.0676	0
289	@gucci mau july	0.0676	0
290	@flipperb @pkingdesign yes	-0.0918	0.4019
291	@fredericclambert @taylormarks @flipperb @pkingdesign yeah, sorry i missed that. this would only work for 75 kwh packs that are software created to 60, so not 2013.	-0.0918	0.1779
292	@juancarlosrs @elpilot that is the aspiration: to avoid ai becoming other.	-0.1316	-0.296
293	having moo moo at moo moo gold coast with amberheard, @creepypuppet and @cowanfilms <a href="https://t.co/sum2ryyn7o">https://t.co/sum2ryyn7o</a>	-0.1316	0
294	@judeburger @realamberheard @teslaownersau will definitely do that on my next trip	-0.1316	0.4019
295	@moomoodining @creepypuppet @cowanfilms great food, great ambience and with great friends. we all really enjoyed the visit.	-0.1316	0.9468
296	@pjwu8 @creepypuppet @cowanfilms on it now	-0.1316	0
297	@kmckelly @cstross @jephjacques we def want to avoid either, particularly surface detail ...	-0.1734	-0.2263
298	boring <a href="https://t.co/tbnhgpywud">https://t.co/tbnhgpywud</a>	-0.0089	-0.3182
299	even more boring <a href="https://t.co/efrz laxwxs">https://t.co/efrz laxwxs</a>	-0.0089	-0.3182
300	@batfflck extremely	-0.0089	0
301	@williamlegate couldn't agree more	0.0721	0.3612
302	my boring ted talk <a href="https://t.co/qngolyjxmr">https://t.co/qngolyjxmr</a>	0.0721	-0.3182
303	@voltzcoreaudio yeah, will probably publish an update in six weeks or so	0.0721	0.296
304	winds aloft are unusually high (still within structural safety bounds). worrying, but not a showstopper. <a href="https://t.co/ephqqvajoz">https://t.co/ephqqvajoz</a>	0.0721	0.4215
305	launch and landing of the nro spy satellite was good. tough call, as high altitude wind shear was at 98.6% of the theoretical load limit. <a href="https://t.co/nbzbmndjbp">https://t.co/nbzbmndjbp</a>	0.0721	0.34
306	landing <a href="https://t.co/m8dh1dkvfo">https://t.co/m8dh1dkvfo</a>	0.0721	0
307	close-up of rocket stage separation, fast flip, boostback burn in a ring of fire and then... <a href="https://t.co/rm8kdgazvx">https://t.co/rm8kdgazvx</a>	0.0721	-0.34
308	was just rereading one of my favorites. so beautiful ... <a href="https://t.co/gp0annwxcm">https://t.co/gp0annwxcm</a>	-0.3775	0.7717
309	thinking about a name for our first tunneling machine ...	0.1385	0
310	@hunterbarnes144 been done	0.1385	0
311	@ivanmartinsanz good one	0.1385	0.4404
312	@ivanmartinsanz boring not boring	0.1385	-0.5574
313	maybe ultimate boring machine, the second	0.1385	-0.3182

314	@reviewero by calling it "the second", it has more credibility	0.1385	0
315	i know what you're thinking ...then why not "the third"? well, i've learned my lesson about 3's.	0.1385	0.2732
316	@andrewwhws i don't want to be presumptuous	0.1385	0.0772
317	kinda like snoop dug	0.1385	0.2975
318	@zanesloanbc simple. i like it.	0.1385	0.3612
319	@keithdcohen i do love banks, but perhaps we should reserve his names for the droneships	0.1385	0.6369
320	headed to see guardians 2 w my bro and kids. loved the first one.	-0.1882	0.5994
321	@jovanik21 thanks for doing it!	-0.1882	0.4404
322	@georgechiesa it's a good one	-0.0250	0.4404
323	if heat death of the universe is the destination, it really is all about the journey <a href="https://t.co/icmkmmkhv">https://t.co/icmkmmkhv</a> <a href="https://t.co/0jmkuayfrq">https://t.co/0jmkuayfrq</a>	-0.0250	-0.5994
324	tesla solar glass roof orders open this afternoon. i think it will be great. more in about 10 hours ...	-0.0250	0.6249
325	@nathanrodrger yes	-0.0250	0.4019
326	@torbenanderson u.k. delivery and installation next year	-0.0250	0
327	solar roof can be ordered for almost any country. deployment this year in the us and overseas next year.	-0.0250	0
328	@doogooroo yes	-0.0250	0.4019
329	@cubamark will do our best. hopefully, yes.	-0.0250	0.8625
330	slo-mo hail cannonball impacting tesla solar roof tile <a href="https://t.co/mmbacud9ic">https://t.co/mmbacud9ic</a>	-0.0250	0
331	@lee_ars this is true. the economics are not yet compelling where housing and utility costs are low and property taxes are high.	-0.0250	0.1779
332	@sahilmalik that's how the tiles sit on the roof. there is no difference in strength for the tesla tile based on orientation (not like wood).	-0.1112	0.6908
333	first machine is godot. still waiting ... don't know why, when or where.	-0.1112	0
334	@armstrong_anth yes. good.	-0.1112	0.6808
335	@tragik187 third one will be from frost. maybe the second.	-0.1112	0
336	@samgalaviz_ tesla needs to iterate fast on solar roof prefab/install technology, so all installs will be done by tesla techs at first	-0.1191	0
337	entry hole, staging area and starting tunnel for boring machine 1 (aka godot) now complete <a href="https://t.co/8taxtmdcdv">https://t.co/8taxtmdcdv</a>	-0.1191	-0.3182
338	first tunnel for the boring company begins ... full length of first tunnel will run from lax to... <a href="https://t.co/dbf2nkfb2">https://t.co/dbf2nkfb2</a>	-0.1191	-0.3182
339	cutterhead in operation at standard industry speed. planning to jack this up by a factor of ten... <a href="https://t.co/k8lcnhlcca">https://t.co/k8lcnhlcca</a>	-0.1191	0
340	boring machine segments have been lowered into the starter tunnel. going through final assembly.... <a href="https://t.co/2jg03i7j4n">https://t.co/2jg03i7j4n</a>	-0.1191	-0.3182
341	the race between gary, our pet snail who lives in a pineapple, and godot, our tunnel boring... <a href="https://t.co/ies65y99gj">https://t.co/ies65y99gj</a>	-0.1191	-0.3182
342	[warning, this may cause motion sickness or seizures] this is a test run of our electric sled... <a href="https://t.co/vi3hlirzg9">https://t.co/vi3hlirzg9</a>	-0.1191	-0.34
343	@becauseimash yes	-0.1191	0.4019
344	family history article. was born in south africa, but named after my american great-grandfather. <a href="https://t.co/q1d7hp763t">https://t.co/q1d7hp763t</a>	-0.1596	0.6249
345	@jewhittingham yeah, worked on the farm when i was 17	-0.1596	0.296
346	on my cousin's farm in canada at 17, wearing a hat on a hat <a href="https://t.co/u96clgz5gz">https://t.co/u96clgz5gz</a>	-0.1596	0
347	@gleesin going to a barn raising!	-0.1596	0
348	@andrewwhws my grandmother was from moose jaw	-0.1596	0
349	imma gonna dig that tunnel with this here hammer	-0.1596	0
350	@ujustgotcarled of course. why is that even a question?	-0.1596	0
351	worked in minecraft. just sayin ...	-0.1596	0
352	and ... it's done <a href="https://t.co/mbbsa04eoc">https://t.co/mbbsa04eoc</a>	-0.1596	0
353	@gmem_ it's sort of like a pickaxe if you use the claw side, but has the added advantage of also hammering	-0.1596	0.5423
354	robots that learn by example from @openai <a href="https://t.co/skxgb2mt6n">https://t.co/skxgb2mt6n</a>	-0.1175	0
355	moonlight sonata <a href="https://t.co/hiuurslsiu">https://t.co/hiuurslsiu</a>	-0.2890	0
356	t-boned in a model x at 65 mph <a href="https://t.co/vt6g89z9rk">https://t.co/vt6g89z9rk</a>	-0.2890	0
357	what i love about the boring company are the low expectations. nowhere to go but down.	-0.2890	0.2023
358	@oliver_brian what pun?	-0.2890	0
359	all the answers to questions you never asked about holes in the ground <a href="https://t.co/vxteb9r7uw">https://t.co/vxteb9r7uw</a>	-0.2890	0
360	@fairaday we got stuck	-0.2890	-0.25
361	@waitbutwhy heisenberg's uncertainty principle & practical limits of simultaneity in transfer make this exact thought experiment impossible, but ... yeah	-0.1595	-0.0516

362	@waitbutwhy still agree with tim's points. what "you" are is an evolving, mind-body pattern, but there's still a core youness that holds true over time.	-0.1595	0.6486
363	@worldandscience for reason i can't explain, i find #2 especially odd. also, not a fan of #17. has led too many people astray in valuing securities.	-0.1595	-0.0076
364	@sleepsl8 yes	-0.1595	0.4019
365	@leegrayteslafan black and textured slate versions will be	-0.1595	0
366	@jonhaber will do	-0.1595	0
367	@songcarver wear underpants	-0.1595	0
368	@hugomeister42 model 3, model x & model s will all have same level of autopilot capability. it's just a matter of refining the vision & control software.	-0.1595	0.2732
369	excited about the tesla autopilot software release rolling out next month. new control algorithm feels as smooth as silk.	-0.1595	0.34
370	@bradmsimon @jonhaber you can easily turn it off in the car via settings, but that would beg the question of why you turned it off :)	-0.1595	0.34
371	@ritspex almost there. probably in a few months.	-0.1595	0
372	@kedyson1 that will be tied to deliveries of the first production cars in july	-0.1595	0
373	@ethank almost there, plus much improved web browser	-0.1595	0.4284
374	@rrosenbl yeah, control algorithm is safe, but unpleasant. new one is even safer, but super smooth.	-0.1595	0.8957
375	@theavinashsingh maybe i'm misinformed, but i was told that 30% of parts must be locally sourced and the supply doesn't yet exist in india to support that.	-0.1595	0.4019
376	@jetkohli i'd highly recommend upgrading to latest model s (which is approx version 4). only if you really want a smaller sedan, should you get a 3.	-0.1595	0.5245
377	@macbentosh s for sure. it is a bigger car.	-0.1595	0.3182
378	@harropj hopefully june for those too	-0.1595	0.4019
379	@marks22 hw2. hw1 doesn't have enough sensors and computing power.	-0.1595	0
380	@freerobby @jetkohli there's just no way. hundreds of parts and most of wiring harness would have to be replaced. would cost more to retrofit than trading in.	-0.1595	0
381	@tony_lo still on for end of year. just software limited. any tesla car with hw2 (all cars built since oct last year) will be able to do this.	-0.1595	-0.2263
382	@noradio @mcornell0 @marks22 exactly	-0.1595	0
383	@douglasprest can be set higher than that for highways, but limited to +5mph or +8km/h off highway (true avg drive speed) for pedestrian & cyclist safety	-0.2535	0.5719
384	@shazm01 we could add that function pretty easily from a technical standpoint. just need to add in the billing software.	-0.2535	0.6808
385	@sethjacobi14 early next year. to start with, we're making the simplest model 3 first, like we did with s. didn't do it with x, because i was an idiot.	-0.2535	-0.2023
386	@waldekkubicki @shazm01 interesting idea. would give a dynamic 360 deg surround view as you're driving. have this in dev mode. can be a bit distracting though.	-0.2535	0.4019
387	@bigdak54 i spoke directly with the president three weeks ago about paris. many others have too. cautiously optimistic of a positive decision.	-0.2535	0.7096
388	@ddkilzer @irishjugg0 @macbentosh all model s and x cars will have an auto raise and lower function for the steering wheel in a few months.	-0.2535	-0.296
389	feel exactly the same way as a.o. scott. particularly loved the spy who loved me <a href="https://t.co/lar9pnj2zi">https://t.co/lar9pnj2zi</a>	-0.0199	0.855
390	@davidshepardson true :)	-0.0199	0.4215
391	@michaelknaepen will keep the original bond lotus sub as-is. that design can't actually convert from car to sub. have a new design in mind that does.	-0.0199	0.3182
392	@leonwang0091 only if you want pure joy mainlined straight into your brain	-0.0199	0.7184
393	@station2stat @teslamotors will shut that down. the point is to provide something special that only existing owners can give to friends and it is limited to 5 people.	-0.0199	0.5994
394	falcon heavy is this times three. one way or another, launch is guaranteed to be exciting ... <a href="https://t.co/fpunalj0hd">https://t.co/fpunalj0hd</a>	0.0261	0.4939
395	btw, that cloud is almost entirely steam, including dark parts (like a storm). this is what the launch looks like: <a href="https://t.co/chrhsz5iw">https://t.co/chrhsz5iw</a>	0.0261	0.6124
396	@fbeuster there will be a combined booster static fire. maybe a few.	0.0261	-0.34
397	old-school fidget spinner back when the only things to play with were squirrels and rocks <a href="https://t.co/jx1xc8nu7t">https://t.co/jx1xc8nu7t</a>	0.0687	0.34
398	comparing model s vs model 3 <a href="https://t.co/jpm9vvgbha">https://t.co/jpm9vvgbha</a>	0.0687	0
399	@drewjohnarnold yes	0.0687	0.4019
400	sydney is such a beautiful city <a href="https://t.co/aucrqfhqwr">https://t.co/aucrqfhqwr</a>	-0.0359	0.5994
401	piggyback rides around the opera house <a href="https://t.co/z27jsvbt21">https://t.co/z27jsvbt21</a>	-0.0359	0
402	@taraustralis @vividsydney yeah, it was great!	-0.0359	0.743
403	@lileedit @nalepa and then some	-0.0359	0

404	don't know which way paris will go, but i've done all i can to advise directly to potus, through others in wh & via councils, that we remain	-0.0359	0
405	@danekevincook yeah :)	-0.1785	0.296
406	@trickydickychap coming soon	-0.1785	0
407	am departing presidential councils. climate change is real. leaving paris is not good for america or the world.	-0.1785	0.4404
408	under paris deal, china committed to produce as much clean electricity by 2030 as the us does from all sources today <a href="https://t.co/f8ppr2o7rl">https://t.co/f8ppr2o7rl</a>	-0.1785	0.5859
409	india commits to sell only electric cars by 2030. it is already the largest market for solar power. <a href="https://t.co/egbntpzme5">https://t.co/egbntpzme5</a>	-0.1030	0
410	@anandmahindra good point :)	-0.1030	0.4404
411	first reflight of a dragon spacecraft set for later today <a href="https://t.co/ew4hswwlwc">https://t.co/ew4hswwlwc</a>	0.0777	0
412	@zlorena70 exactly	0.0777	0
413	@pandora659 yeah, pretty much dead center. we painted the target area with radio reflective paint, which helps the radar be more precise.	0.0777	0.4019
414	proud of my mom ❤ <a href="https://t.co/my9dgfd00d">https://t.co/my9dgfd00d</a>	0.0777	0.4767
415	@commoboy @spacex most people don't realize you can see dragon approach the space station from the ground, even in la	0.0777	0
416	<a href="https://t.co/uu6dqa3kx4">https://t.co/uu6dqa3kx4</a>	0.0777	0
417	he was great though	0.0777	0.6249
418	@rolandscahill @teslamotors wearing anything at all is just a conspiracy by the capitalist running dogs of big underwear	0.0777	-0.5267
419	@thestaceyroy @teslamotors california cabernet	0.0777	0
420	@hellenomwando @markbungerlux probably closer to four or five factories. logistics costs mean you want to be close to the end customer.	0.0777	0.0772
421	@hellenomwando @markbungerlux also, we will have a very high headcount around each gigafactory keeping it running. they just won't be doing boring, repetitive tasks.	0.0777	-0.3182
422	@hcpg most likely	0.0777	0
423	@robinwigg great comedy! they should write for @theonion.	0.0608	0.765
424	@smilesimplify i hope i'm wrong	0.0608	-0.0516
425	or is it more about the way you use it? <a href="https://t.co/vvqgox3xfj">https://t.co/vvqgox3xfj</a>	0.0608	0
426	i'm not *saying* they're related, but ... <a href="https://t.co/p5d2zkc7e7">https://t.co/p5d2zkc7e7</a>	0.0608	0
427	sec disclosures, etc	0.0608	0
428	@mcgd @mitchellgeere obviously	0.0608	0
429	@rolandscahill @teslamotors this is a metaphor for transparency. also, f* underwear.	0.0608	0
430	tesla shareholder meeting today. can't believe it's been 1000 years since we went public. <a href="https://t.co/jk7wmuxslv">https://t.co/jk7wmuxslv</a>	0.0608	0
431	@poyntingceo yeah, i counted	0.0608	0.296
432	that's why the pic is in black and white. didn't have color back then.	0.0608	0
433	@nigelkbaker of course. what base-number system were you using?	0.0608	0.0772
434	@brokesilver seems that way	0.0608	0
435	and um ... not trying to brag or anything, but i think i look good for 500	-0.0396	0.4404
436	@avyas0 a 7 step facial treatment every morning. the mistake people make is stopping at 6.	-0.0396	-0.4588
437	a little red wine, vintage record, some ambien ... and magic!	-0.0396	0
438	@farhad667 you're welcome!	-0.0396	0.4588
439	@sama once you add the vintage record player, it's all good	-0.0396	0.4404
440	@sahershodhan almost. falcon heavy was way harder to develop than it seemed at first.	-0.0396	0
441	@labjnews the boring company is in hawthorne and has already approved the permit	0.0156	0.128
442	@labjnews we can either give up hope & sit in traffic hell forever or try something new. the odds of success may be low, but they're better than zero.	0.0156	0.4215
443	could be worse <a href="https://t.co/ctnkjysquj">https://t.co/ctnkjysquj</a>	0.0156	-0.4767
444	these guys want us to die so bad they can taste it	0.0156	-0.7964
445	@danahull yeah	0.0156	0.296
446	@johnbiscevic yeah	0.0156	0.296
447	just wish they would stop sticking pins in voodoo dolls of me. that hurts, ok?	0.0156	0.4019
448	<a href="https://t.co/spuazyaxgb">https://t.co/spuazyaxgb</a>	0.0156	0
449	@redletterdave love monty python so much	0.0156	0.6369
450	@johnnyzenith all falcon heavy cores should be at the cape in two to three months, so launch should happen a month after that	0.0156	0
451	@redletterdave the scene where brian is saved from the romans by falling off a tower into a spaceship is the best deus ex machina moment of any movie ever	0.0156	0.7506
452	try the new tesla dj station on streaming radio	0.0156	0
453	@deandcruz my favorite for sure	0.0156	0.6486

454	@philwhln it's on the car. might add it to the tesla app at some point, so you get it on your phone if you have a powerwall or tesla solar.	0.0156	0
455	in the us, you can ask your tesla to play any monty python (or other comedy) skit. doesn't work outside us yet.	0.0156	0.5994
456	@rrosenbl yeah	0.0156	0.296
457	@markedtek not yet	0.0156	0
458	@jovanik21 @philwhln i mean also	0.0156	0
459	@angboire might work in canada too	0.0156	0
460	@the1manherd possibly my favorite skit	0.0156	0.4588
461	@castfxman partly	0.0156	0
462	@symonchester coming soon!	0.0156	0
463	@jschindeler yeah, coming back	0.0156	0.296
464	@ericaboardman just depends on whether you like a sedan or suv. sedan goes faster, suv has more room.	0.0156	0.3612
465	just tap the voice button on the steering wheel and say "play monty python" or "navigate home" or anything. voice commands work pretty well.	0.0156	0.7717
466	@jeffmcadams tap cancel on the screen	0.0156	-0.25
467	@michaelgladis yes	0.0156	0.4019
468	@sakerjacks no, it's not!	0.0156	0
469	@krishell1985 cool	0.0156	0.3182
470	@jovanik21 @philwhln just confirmed the tesla dj station works in canada	0.0156	0
471	@andrewhaigh yeah, car should auto play when it gets an exact match, like it does for directions. will make that change.	0.0156	0.7269
472	@mashabletech first of all, i cracked a long time ago. that's not news. second, yes, i can see time. how did you know?	0.0156	0.4019
473	@belltower @garthredshaw @the1manherd must ipso facto half not bee	0.0156	0
474	@ericidle too awesome	-0.4244	0.6249
475	@cabbeyp @jeffmcadams good point, will add "cancel nav" to voice commands	-0.4244	0.2263
476	@boltfinger click the left scroll wheel to pause or mute music	-0.4244	0
477	@rafaelm81 @ericaboardman that is true. ludicrous mode is like having pure joy on tap. nothing else (legal) will get you that.	-0.4244	0.7375
478	they was done against the will of their owners, who held a candlelight vigil all night to protest the death of their cars	-0.4244	-0.5994
479	nothing to do w govt incentives or making money. thought 90% prob of losing it all (almost did many times), but it was the only chance.	-0.4244	-0.4264
480	@kieranquinn27 long way to go, but we've convinced most of the auto industry to start ev programs & gave them all our patents to help, so that's something	-0.4244	0.6597
481	@mor10 i love norway, which is the world leader in ev adoption! great example for the rest of the world.	-0.4244	0.8519
482	@apexcornerspeed @braverock_all superchargers are being converted to solar/battery power. over time, almost all will disconnect from the electricity grid.	-0.4244	0
483	@franco_fwg @zedd if zedd is kind enough to send me a list, it's on	-0.4244	0.5267
484	worth watching "who killed the electric car?" by @chrispaine. truth is indeed stranger than fiction ... <a href="https://t.co/b8rkpp8nvj">https://t.co/b8rkpp8nvj</a>	-0.4244	-0.3182
485	@isco__ you may have heard of the person who put it together	-0.4244	0
486	@marker2002 @chrispaine so crazy that people were arrested for trying to keep their cars from being destroyed	-0.4244	-0.6808
487	congrats robb! <a href="https://t.co/4oab8t0yoq">https://t.co/4oab8t0yoq</a>	-0.4244	0.5267
488	@rami_syvari @clevergoat @mor10 exactly	-0.4244	0
489	@_svndee disruption certainly. deep ai is the real risk, though, not automation.	-0.0847	-0.296
490	@eclecticlip was no "company", just a (wrong) biz plan to commercialize acp's tzero car. no tech or ip, no employees & didn't even own tesla motors name.	-0.0847	-0.4767
491	@mcwm @chrispaine damn stonecutters!	-0.0847	-0.4019
492	@id_aa_carmack @mmeijeri the faster, the better. gravity losses.	-0.0847	0.4404
493	@ritspex @id_aa_carmack @mmeijeri slow at first, then very fast. def not hover.	-0.0847	0
494	@samabuelsamid @teslamotors mostly right. the feasibility study martin commissioned about the lotus elise was dead wrong though. only 7% of parts ended up being common.	-0.0847	-0.8126
495	@samabuelsamid @teslamotors i've written two forward-looking master plans, but haven't told the tesla history of how we got there. lot of drama ... prob worth doing?	-0.0847	0.2263
496	@steveprediletto @samabuelsamid @teslamotors thanks for supporting tesla and the ev mission before anyone had heard of us	-0.0847	0.7003
497	@kevinwright80 thanks! everything we make on the expensive cars goes into developing more affordable cars.	-0.0847	0.4404

498	@rajveerjolly we are developing the interplanetary rocket and spaceship to allow anyone to travel to the moon, mars & beyond, regardless of nationality	-0.0847	0.2263
499	@electrekco @teslaroadtrip hw2 autopilot release should go wide next weekend with additional smoothness improvements to longitudinal control	-0.0847	0.3182
500	@ethank @electrekco @teslaroadtrip new kernel goes out next weekend, new web browser next month. radar-only braking is getting steadily better for both hw 1 and 2.	-0.0847	0.4404
501	@ethank @electrekco @teslaroadtrip linux kernel update was way harder than anticipated. giant improvement, but meant way more os overhead tuning to keep screen frame rate good	0.0539	0.7096
502	@samsheffer that would an interesting target. would, of course, only count if capable of doing so right off the production line with street legal tires.	0.0539	0.7003
503	us govt testing by @nhtsagov finds model x to be the safest suv in history by significant margin <a href="https://t.co/zadb5fqpei">https://t.co/zadb5fqpei</a>	0.0539	0.5423
504	@jasveer10 in discussions with the government of india requesting temporary relief on import penalties/restrictions until a local factory is built	-0.1126	0.4767
505	\$300m cost diff between spacex and boeing/lockheed exceeds avg value of satellite, so flying with spacex means satellite is basically free <a href="https://t.co/caoulcf7ot">https://t.co/caoulcf7ot</a>	-0.2265	0.6908
506	@dane @bonnienorman radar-only braking on hw1 is getting better with every release. we're hoping to do the demo where it brakes for a ufo in the fog soon.	-0.2265	0.6908
507	mars v2 plan coming soon, which i think addresses the most fundamental flaw in v1: how to pay for development & operation of giant rockets <a href="https://t.co/yaitdvdpec">https://t.co/yaitdvdpec</a>	-0.2265	-0.1027
508	flying through the falcon factory <a href="https://t.co/kiuqfd3mlq">https://t.co/kiuqfd3mlq</a>	-0.2017	0
509	hawthorne, california <a href="https://t.co/d5qrln0xq7">https://t.co/d5qrln0xq7</a>	-0.2017	0
510	colonizing mars (thanks prof hubbard for creating this from my talk). major changes to the plan coming soon. <a href="https://t.co/s59qmhu5o">https://t.co/s59qmhu5o</a>	-0.2017	0.6249
511	@zlsadesign so soon you won't believe it	-0.2017	0
512	tesla service rescues a kitten stuck in the bumper <a href="https://t.co/qzw7qjuceq">https://t.co/qzw7qjuceq</a> <a href="https://t.co/3jyjsevodm">https://t.co/3jyjsevodm</a>	-0.2017	-0.25
513	it's time they knew ... <a href="https://t.co/wt7xfxqtm6">https://t.co/wt7xfxqtm6</a>	-0.2017	0
514	promising conversations with @mayorofla regarding tunnel network that would carry cars, bikes & pedestrians. permits harder than technology. <a href="https://t.co/0dxrxboowy">https://t.co/0dxrxboowy</a>	-0.2017	0.4019
515	postponing launch to replace fairing pneumatic valve. it is dual redundant, but not worth taking a chance. <a href="https://t.co/vnfxmeer7h">https://t.co/vnfxmeer7h</a>	-0.2017	0.4404
516	@theseoldcars backup valve shows no sign of leaking, but yeah	-0.2017	0.296
517	@ys but then i get paid less	-0.2017	0
518	@verge nothing beats the shoe phone that is also a real shoe <a href="https://t.co/clecmthrdn">https://t.co/clecmthrdn</a>	-0.2017	0
519	@dj_mr_cool my real phone is an htc droid, which i ordered after seeing this ad <a href="https://t.co/wlr9cjgxp1">https://t.co/wlr9cjgxp1</a>	-0.2017	0
520	@robtheicOn ujelly?	-0.2017	0
521	@quiggle there's a plot!?	-0.2017	0
522	@verge this is crazy, but max smart mentions chaos towards the end. coincidence?	-0.2017	0.0772
523	@shashwatbakhshi no plans to change cell form factor for x and s	-0.2017	0
524	@sulka first approximation of co2 is production cost, factoring in energy source, so model 3 obv less co2 to produce than \$35k gas car by a lot	-0.1870	0.2732
525	@sulka that's because the accurate articles are boringly obvious, so they get no press attention	-0.1870	0
526	@sulka @karinatrades cool	-0.1870	0.3182
527	no need to rely on scientists for global warming -- just use a thermometer <a href="https://t.co/0pbta18urk">https://t.co/0pbta18urk</a>	-0.1870	0.1531
528	@dadseven no plans to change 100 kwh pack tech. you'll never worry about running out of range. model 3 pack is about cost reduction, not performance.	-0.0663	0.3412
529	@hayskeys7 will extend	-0.0191	0.1779
530	@hayskeys7 but rwd with electric is really good in snow (assuming all weather or winter tires), as traction control is far more precise	-0.0191	0.4927
531	@dpazdan groan	-0.0191	0
532	@partialobs @spacex radiation	-0.0191	0
533	must remember that irony and social media are not friends. keep forgetting. dammit.	-0.0191	0.4404
534	do want irony on social media?	-0.0864	0.0258
535	in life, there are no easy choices ...	-0.0864	0.4404
536	@waywardplane damn, i forgot bacon	-0.0864	-0.4019
537	@explorespaceksc thanks! looks cool.	-0.0864	0.6369
538	@shanghai_artist technically, ironyman	-0.0864	0
539	falcon 9 will experience its highest ever reentry force and heat in today's launch. good chance rocket booster doesn't make it back.	-0.0864	0.5994

540	rocket is extra toasty and hit the deck hard (used almost all of the emergency crush core), but otherwise good	-0.0864	-0.0332
541	@emerald0013 it's an aluminum honeycomb cartridge, so only a couple of hours to replace	-0.0864	0
542	@sajo sticking to 100	-0.2712	0
543	@zerosixbravo slightly heavier than shielded aluminum, but more control authority and can be reused indefinitely with no touch ups	-0.2712	0.0772
544	@djsnm they will, but the hydraulic system is closed loop, so no fluid lost. they do need more power & energy, but rocket has plenty of that.	-0.2712	-0.0516
545	@clovenlife no, but shielding got fragged every flight. more control authority is for falcon heavy, but also enables falcon 9 to land in heavier winds.	-0.2712	0.0772
546	@zerosixbravo @john_gilleran true, but that's a minor factor for rockets	-0.2712	0.4215
547	@ecoheliguy rocket was suddenly slammed sideways right before landing. heavy gust or something malfunctioned onboard. reviewing telemetry.	-0.2712	0
548	@crappyusername not only that, it has all the wifis and 3g is coming soon	-0.2712	0
549	@dnathe4th @djsnm we used to have a (lame) open loop hydraulic system, but that was upgraded to closed about 2 years ago	-0.2712	-0.4215
550	closeup of the titanium grid fins. not painted, as they glow red hot during a fast reentry. <a href="https://t.co/ltrq1prg2m">https://t.co/ltrq1prg2m</a>	-0.2712	0
551	launch at 1:25 delivering 10 satellites for iridium. droneship repositioned due to extreme weather. will be tight. <a href="https://t.co/6zcsg29b74">https://t.co/6zcsg29b74</a>	-0.2712	0
552	@thecocoonaut significantly improves control force	-0.2712	0.4215
553	@mjmdavis still humans	-0.2712	0
554	new titanium grid fins worked even better than expected. should be capable of an indefinite number of flights with no service.	-0.2712	0.7003
555	@benjamincoop3 getting closer to fairing recovery and reuse. had some problems with the steerable parachute. should have it sorted out by end of year.	-0.2712	-0.4019
556	@amirmasoudabdol down the road, they will not even be repainted between launches. aiming to be able to relaunch same orbital rocket booster in <24 hours.	-0.2712	0
557	@nullptr more aero effectiveness to create steep spires on windward side at the grid fin intersections	-0.2712	0.2732
558	sped up version of today's rocket landing on the droneship just read the instructions (guess it... <a href="https://t.co/0wfgxmgeqz">https://t.co/0wfgxmgeqz</a>	-0.2712	0
559	@migueldelagza they should on high velocity missions to geostationary transfer orbit	-0.2712	0
560	good summary of rocket landing history. there were two successful water landings much earlier, but they didn't survive long. <a href="https://t.co/n6kxxqefby">https://t.co/n6kxxqefby</a>	-0.2712	0.7717
561	no longer waiting for godot. it has begun boring and just completed the first segment of tunnel in la.	-0.2909	-0.3182
562	@tedtalks thanks, but i am	-0.2909	0.4404
563	@sandymazza gary (the snail) is a speed demon. long way to go before we beat him/her.	-0.2909	0
564	i love floors	-0.2909	0.6369
565	they will never let you down	-0.2909	0
566	they are so underappreciated	-0.2909	0
567	not as much as tunnels though	-0.2909	0
568	@syrenboaz a ceiling is simply a floor from below	-0.2909	0
569	@itsborked a floor that moves	-0.2909	0
570	just try one. it's way better than you think.	-0.2909	0.4404
571	and i don't care who knows it. our love will never die.	-0.2909	0.8897
572	@simplydonya yes, but arguably that's worse	-0.2909	-0.34
573	@mxpr me too	-0.2909	0
574	@newscientist exactly	-0.2909	0
575	@ixmeteorite @newscientist didn't read it. might now though.	-0.2909	0
576	@trucker_ty_ @savvytroll @georgetakei maybe it is time for the man cape to return	-0.2909	0
577	because it's off the wall	-0.2909	0
578	@douglasabailey news on sunday	-0.1451	0
579	@satalino15 nothing to be done, but wait. it's all right here: <a href="https://t.co/bict4avkj1">https://t.co/bict4avkj1</a>	-0.1451	0
580	perspective <a href="https://t.co/4dw9cssmtl">https://t.co/4dw9cssmtl</a>	-0.1451	0
581	just installed steel skeleton of the car/pod elevator. should be operating next week. <a href="https://t.co/dizw7zuwa">https://t.co/dizw7zuwa</a>	-0.1451	0
582	@thephoenixflare this is a really great floor	-0.1451	0.659
583	@tehwrx @martinengwicht @thephoenixflare or does the earth move up?	-0.1451	0
584	@tehwrx @martinengwicht @thephoenixflare i think einstein said that	-0.1451	0
585	@janeidyeve @arstechnica @teslamotors @spacex suggestions welcome!	-0.4378	0.4588
586	another spacex launch today if weather is good <a href="https://t.co/uduyn8kf0c">https://t.co/uduyn8kf0c</a>	-0.4378	0.4404

587	@30akshay actually, china manufacturing quality is excellent. among other things, that's where iphones, many android phones & most laptops are made.	-0.4378	0.5719
588	@cristian_miuta @teslamotors norway is awesome	-0.4378	0.6249
589	model 3 passed all regulatory requirements for production two weeks ahead of schedule. expecting to complete sn1 on friday	-0.4378	0
590	handover party for first 30 customer model 3's on the 28th! production grows exponentially, so aug should be 100 cars and sept above 1500.	-0.4378	0.4019
591	looks like we can reach 20,000 model 3 cars per month in dec	-0.4378	0.3818
592	spacex team reviewed all systems again late last night. done our best to ensure all is good. <a href="https://t.co/r3yrf6pet4">https://t.co/r3yrf6pet4</a>	-0.2907	0.8658
593	@spacex @intelsat thanks @intelsat! really proud of the rocket and spacex team today. min apogee requirement was 28,000 km, falcon 9 achieved 43,000 km.	-0.2907	0.7425
594	@newscientist the world's population is accelerating towards collapse, but few seem to notice or care	-0.2907	0
595	this will be the highest power battery system in the world by a factor of 3. australia rocks!! <a href="https://t.co/c1dd7xtc90">https://t.co/c1dd7xtc90</a>	-0.1109	0
596	stop biting my finger dammit <a href="https://t.co/xh4xhzcwcv">https://t.co/xh4xhzcwcv</a> <a href="https://t.co/ialg7khup4">https://t.co/ialg7khup4</a>	-0.0342	-0.296
597	production unit 1 of model 3 is now built and going through final checkout. pics soon.	-0.0342	0
598	@bdsams ira ehrenpreis had rights to 1st car as he was 1st to place a full deposit, but gave those rights to me as my 46th bday present. tks ira!	-0.0342	0
599	@yoda it's who is first to pay full price for the car. hard rule. i have first roadster and x, but not first s.	-0.0342	-0.2023
600	first production model 3 <a href="https://t.co/tca2nsuni3">https://t.co/tca2nsuni3</a>	-0.0342	0
601	<a href="https://t.co/is6hthjjoj">https://t.co/is6hthjjoj</a>	-0.0342	0
602	thanks paypal for allowing me to buy back <a href="https://t.co/bouoejo16y">https://t.co/bouoejo16y</a> ! no plans right now, but it has great sentimental value to me.	0.1439	0.8555
603	@marthajross @mercnews wasn't wearing a suit, am def not part of a "posse" & didn't even know leo/orlando were going. just went to say hi to my friend ken howery.	0.1439	0.4939
604	@soswow @marthajross @mercnews that pizza looked about as appetizing as drywall. if anything, they were doing people at the party a favor by taking it.	0.1439	0.6597
605	@voltzcoreaudio @djsnm maybe the upcoming iac in adelaide	0.1439	0
606	@jeremys cool 😊	0.1439	0.3182
607	@jondaily83 that's probably the best use	0.1439	0.6369
608	@stevetdent one of my sons is named xavier, after professor x!	0.1439	0
609	@gregbettinelli @bill_gross on university ave, above the old bakery	0.1439	0
610	@alexhpforqvc @stevetdent of course!	0.1439	0
611	you can now drive anywhere in the us (except n alaska), most of europe, china & japan using the tesla supercharger network! <a href="https://t.co/2kv8ft8dkk">https://t.co/2kv8ft8dkk</a>	-0.1233	0
612	@teslamotors the very near future, not, like, the far away future	-0.1233	0.3612
613	@hohocho cool!	-0.1233	0.3182
614	@vicform3 latest s and x tires have internal acoustic foam	-0.0053	0
615	worth noting that boeing/lockheed ("other us" on chart) get a billion dollar annual subsidy even if they launch nothing. spacex does not. <a href="https://t.co/mi27znylrj">https://t.co/mi27znylrj</a>	-0.0053	0.2263
616	@kiwi_manu that doesn't sound right	-0.0053	0
617	other orgs shd also develop reusable orbital rockets. if an airplane co had reusable airplanes, buying single use airplanes wd seem crazy. <a href="https://t.co/ojotlgmght">https://t.co/ojotlgmght</a>	-0.0053	0.3182
618	@alec_ace11 hopefully	-0.0053	0.4019
619	@huntster1701 @m_ac we do that too, but for free	-0.0053	0.5106
620	us senate hearing on advancing the exploration and settlement of space <a href="https://t.co/z2lkdudxku">https://t.co/z2lkdudxku</a>	-0.0053	0
621	@auersusan @valleyhack true. also, ariane primary bay can deliver slightly heavier satellites than falcon 9. falcon heavy is needed ...	-0.0053	0.4215
622	excited to announce the launch of <a href="https://t.co/j6turwiqaal">https://t.co/j6turwiqaal</a> ! it's a little verbose right now, but that will be fixed tomorrow.	-0.0053	0.34
623	@benedictevans @stevesi stay tuned	-0.0053	0
624	@franticnews yes	-0.0053	0.4019
625	fixed. now it's good.	-0.0053	0.4404
626	@fcingolani good point	-0.0053	0.4404
627	@godaddy i do have one question. what does godaddy mean?	-0.0053	0
628	it's what you don't say	-0.0053	0
629	@monster_bo1 small thing (very small), but i made it this way for those who care and understand. source and appearance are the same.	-0.2331	0.4939

630	@zsoltbarta42 y	-0.2331	0
631	@yeematt @noooooomad yeah, otherwise hard to find them	-0.2331	0.2023
632	i should clarify: tesla stock is obviously high based on past & present, but low if you believe in tesla's future. place bets accordingly ... <a href="https://t.co/4zbc6vqsz">https://t.co/4zbc6vqsz</a>	-0.2331	-0.2732
633	@electrekco not true. email from customer. <a href="https://t.co/4p3qo7emlw">https://t.co/4p3qo7emlw</a>	-0.2331	0.4215
634	@fredericlambert @ka_choo_choo @electrekco not attacking electrek. just making sure people don't have the wrong impression.	-0.2331	-0.4404
635	@ayalberan true. need to explain full story of tesla. so much nonsense out there, amplified by propaganda from some in fossil fuels & confused shorts.	-0.2331	-0.2263
636	@dellybeck y	-0.2331	0
637	@jeff_foust plan is to do powered landings on mars for sure, but with a vastly bigger ship	-0.0400	0.3182
638	just received verbal govt approval for the boring company to build an underground ny-phil-balt-dc hyperloop. ny-dc in 29 mins.	-0.0400	0.2023
639	city center to city center in each case, with up to a dozen or more entry/exit elevators in each city	-0.0400	0
640	@daveleebbc support would be much appreciated!	-0.0400	0.7184
641	@curiousworlds for sure. first set of tunnels are to alleviate greater la urban congestion. will start ny-dc in parallel. then prob la-sf and a tx loop.	-0.0400	0.5859
642	still a lot of work needed to receive formal approval, but am optimistic that will occur rapidly	-0.0400	0.6597
643	if you want this to happen fast, please let your local & federal elected representatives know. makes a big difference if they hear from you.	-0.0400	0.3818
644	@ejohnson99 city of chicago already approached us about doing a high speed tunnel from o'hare to downtown. they've been great.	-0.0400	0.6249
645	@mariom an underground hyperloop would mean no disruption above ground and be way faster, so i think it is the right way to go	-0.0400	-0.3612
646	@josephthuney adding boston and providence would be the natural extension of the line	-0.1272	0.3612
647	@libbycwatson verbal approval was at federal level. still a lot of work before formal, written approval, but this opens door for state & city discussions.	-0.1272	0.7351
648	@kglickstein @leeanntweedon kinda have to :)	0.1556	0
649	discussing physics of tunnels with mayor vargas (who has a physics background). hawthorne support for the boring company much appreciated. <a href="https://t.co/uaocildbt">https://t.co/uaocildbt</a>	0.1556	0.5719
650	@andygen21 @teslarati yes, i postponed publishing in order to present the updated interplanetary rocket & spaceship design in adelaide. will be on the final day.	0.1556	0.2263
651	@voltzcoreaudio @andygen21 @teslarati a 9m diameter vehicle fits in our existing factories ...	0.1556	0
652	@ryanbiddle603 @spacex we can't have too many direct shareholders or we're required to become a public co. will check if possible through a feeder fund though.	-0.2142	0
653	@nickhorford \$us price in \$aud plus import duties and sales tax	-0.2142	0
654	@maralkalajian a book of the most beautiful classic cars given to me on my 18th birthday on a farm in saskatchewan. van gogh's starry night.	-0.2142	0.5994
655	@dcunni @svbizjournal i've talked to mark about this. his understanding of the subject is limited.	-0.2142	-0.2263
656	tim's piece on ai is excellent, but we actually face a double exponential rate of improvement. ai hardware & software are both exponential. <a href="https://t.co/hsfnu8zxd">https://t.co/hsfnu8zxd</a>	-0.2142	0.7717
657	@lars_0 @dcunni @svbizjournal movie on the subject coming soon...	-0.2142	0
658	love this tesla p100d drag racing video <a href="https://t.co/rxtfon8mp">https://t.co/rxtfon8mp</a>	-0.0329	0.5106
659	testing the boring company car elevator <a href="https://t.co/zzkfz6atgy">https://t.co/zzkfz6atgy</a>	-0.0329	-0.3182
660	@mathetes76 tesla team will verify	-0.3382	0
661	falcon heavy maiden launch this november <a href="https://t.co/d4dxq9d6hc">https://t.co/d4dxq9d6hc</a>	-0.1425	0
662	@caradocp side booster rockets return to cape canaveral. center lands on dronechip.	-0.1425	0
663	@cardoso @cosmic_penguin @caradocp sides run high thrust, center is lower thrust until sides separate & fly back. center then throttles up, keeps burning & lands on dronechip.	-0.1425	-0.296
664	@cardoso @cosmic_penguin @caradocp if we're lucky	-0.1425	0.4215
665	setting up for model 3 handover tomorrow night ... <a href="https://t.co/gcnz5jtjyr">https://t.co/gcnz5jtjyr</a>	-0.1425	0
666	project loveday winners ...	-0.3557	0
667	third <a href="https://t.co/jacualwtqy">https://t.co/jacualwtqy</a>	-0.3557	0
668	second <a href="https://t.co/btvnszhc9z">https://t.co/btvnszhc9z</a>	-0.3557	0
669	first! <a href="https://t.co/oxnegdnku">https://t.co/oxnegdnku</a>	-0.3557	0
670	couldn't believe how incredibly inspiring and creative they were!!	-0.3557	0.7408
671	@teslaownerclub watched them personally to make sure & i agree with the outcome. wouldn't have judged differently. amazing videos all, but @mkbhd was best.	-0.3557	0.9153
672	@oatmeal sure	-0.3557	0.3182
673	@antplaysdrums yes	-0.3557	0.4019
674	@dmc_ryan probably middle of next year. focus now is on getting out of model 3 production hell. more versions = deeper in hell.	-0.3557	-0.8807
675	@nigebe yes	-0.3557	0.4019

676	model 3 interior https://t.co/fihy06djlw	-0.3557	0
677	@ericdiepeveen the reality is great highs, terrible lows and unrelenting stress. don't think people want to hear about the last two.	-0.3557	-0.128
678	@ifahaduddin @ericdiepeveen yeah	-0.3557	0.296
679	@ifahaduddin @ericdiepeveen maybe not medically tho. dunno. bad feelings correlate to bad events, so maybe real problem is getting carried away in what i sign up for.	-0.3557	-0.8658
680	@ifahaduddin @ericdiepeveen if you buy a ticket to hell, it isn't fair to blame hell ...	-0.3557	-0.8834
681	@robertgaal @ericdiepeveen i'm sure there are better answers than what i do, which is just take the pain and make sure you really care about what you're doing	-0.3557	0.7713
682	@skynetcomputer yeah, it's better than a model 3. we can put a lot more in a car at a higher price.	-0.3557	0.6249
683	@verge umm ... https://t.co/bjj0lnyk35	-0.3557	0
684	@smilesimplify @notshahzeb @verge there are several dozen ship names in the culture series, but i liked those best	-0.3557	0.7906
685	thoughtful model 3 review by @tsrandall, one of the most insightful journalists https://t.co/cuikj9ngln	-0.3557	0.3818
686	@foxnews batteries!	-0.3557	0
687	sure hope so https://t.co/vjclni3i2f	-0.1790	0.6369
688	we poured our heart into the car. hope you love it. https://t.co/dzogqufeno	0.0479	0.7964
689	spacex student hyperloop top speed competition coming up soon! https://t.co/r7fafp6hlb	0.0479	0.2023
690	@jdlien no, must brake safely to a halt	0.0479	0.4939
691	@rsorokanich @roadandtrack sorry about that. you certainly should have been. will get you guys in a car right away.	-0.0690	0.2732
692	looking forward to launching @nasa astronauts to the international space station next year! https://t.co/qolttep4l8	-0.0690	0
693	@guardiansustbiz i guess a proof of concept is needed	0.0952	0
694	officially verified as the first production electric car to exceed 1000km on a single charge! congratulations tesla owners italia!! https://t.co/r8ffzfep2	-0.1474	0.5994
695	@waywardplane true, there are frequent complaint expansion packs	-0.1474	0.4215
696	@bonnienorman it gets really dark	-0.1474	0
697	@tomdines like i said ...	-0.1474	0.3612
698	@domenick_y @bonnienorman and let's not forget the forum on which we are posting... i've heard - now this is just a rumor - that people say mean things on twitter.	-0.1474	0
699	@idedupe are you complaining that we are not complaining enough?	-0.1474	0
700	arguments, followed, of course, by complaints https://t.co/doowmgy8p8	-0.1474	0
701	true, although the changemyview subreddit is least likely to be clicked on by people who really should change their view https://t.co/dlvgsc3zjj	-0.1474	0.4215
702	@belakorr y	-0.1474	0
703	@awarenessreef @lexiheft @domenick_y @bonnienorman it's only a matter of time	-0.1474	0.0258
704	@amirnoir i agree. working on it ...	-0.1474	0.3612
705	first draft animation of the falcon heavy three core launch. fh is twice the thrust of the next... https://t.co/vgzxf6lrmr	-0.1474	0
706	@lwrgi major increases in the supercharger and tesla urban charger network happening over the next several months	-0.2247	0
707	@businessinsider ashlee vance's biography is mostly correct, but also rife with errors & never independently fact-checked, despite my request that he do so	-0.0870	-0.34
708	@businessinsider of all the bogus anecdotes, this one troubles me the most. ashlee never actually ran this story by me or my assistant. it is total nonsense.	-0.0870	-0.4019
709	@businessinsider mary beth was an amazing assistant for over 10 yrs, but as company complexity grew, the role required several specialists vs one generalist	-0.0870	0.5859
710	@businessinsider mb was given 52 weeks of salary & stock in appreciation for her great contribution & left to join a small firm, once again as a generalist	-0.0870	0.8625
711	@businessinsider one other i'd like to correct from the biography: i never said i was a samurai. said i was ninja. no, that's a joke. didn't say that either.	-0.0870	0.5719
712	@businessinsider just because i have the outfit and the awesome weapons doesn't make me a ninja. that requires years of training.	-0.0870	0.6249
713	@time this is about as true as time being a paragon of great journalism. please spend at least 8 seconds checking your facts.	-0.0870	0.8481
714	@maralkalajian @businessinsider a level 9 orc illusionist and dressmaker	-0.0870	0
715	@mayemusk hi mom!	-0.0870	0
716	@smilesimplify @vatsalsngh @businessinsider coming soon ...	-0.0870	0
717	if you're not concerned about ai safety, you should be. vastly more risk than north korea. https://t.co/2z0tiid0lc	-0.1206	0.1779
718	@iainthomson i sure hope so, but we can't take that for granted	-0.1206	0.7351

719	nobody likes being regulated, but everything (cars, planes, food, drugs, etc) that's a danger to the public is regulated. ai should be too.	-0.1206	-0.1531
720	@veryvandy it is far too complex for that. requires a team of the world's best ai researchers with massive computing resources.	-0.1206	0.6369
721	openai + dota 2 <a href="https://t.co/hdyfsmmb0z">https://t.co/hdyfsmmb0z</a>	-0.1206	0
722	would like to express our appreciation to microsoft for use of their azure cloud computing platform. this required massive processing power.	-0.1206	0.7003
723	@reza_zadeh biggest impediment to recognizing ai danger are those so convinced of their own intelligence they can't imagine anyone doing what they can't	-0.1206	0.34
724	@beryllium9 @jasontoff for sure	-0.1206	0.3182
725	first draft animation of the falcon heavy three core launch. fh is twice the thrust of the next... <a href="https://t.co/vgzxf6ugoh">https://t.co/vgzxf6ugoh</a>	-0.1206	0
726	12th mission of our dragon robotic space freighter in support of the @nasa @space_station <a href="https://t.co/vlgbglgbcr">https://t.co/vlgbglgbcr</a>	-0.1206	0.4019
727	@neddesmond @spacex we certainly could, but, while not suggesting complacency, i'm confident that the us dod and intelligence orgs have this covered	-0.1597	0.8271
728	@neddesmond @spacex the danger is def high for south korea, due to proximity, but much less for distant targets like the us. sk anti-missile tech is excellent.	-0.1597	0.1206
729	@schmidtlaxer i want one too!	-0.1597	0.0772
730	@patricknla @ericgarcetti yes, just that the permitting process is slow	-0.1597	0.4019
731	wigs me out too much. deleting ...	-0.2128	0
732	but you can check it out on @9gagtweets. btw, this isn't a video, like cliff diving or fake rocket landings, that matters if it's reversed.	-0.2128	-0.128
733	@robmcrawford08 i love kermit	-0.2658	0.6369
734	@pjfranks1509 good point. we will add that to all cars in one of the upcoming software releases.	-0.2658	0.4404
735	@cupen_ames @pjfranks1509 yeah, it should probably automatically adjust to the user config of whoever is closest to a given door when the handle is touched	-0.2658	0.296
736	@andrewkett will do. also, we need to make it a lot easier to adjust the headrest.	-0.2658	0.4215
737	@ranrinbc @cupen_ames @pjfranks1509 problem is possible impact on curbs or ground objects with the car itself or door swing arc	-0.2658	-0.4019
738	@_jeffreyr @thephoenixflare @cupen_ames @pjfranks1509 will prob do something like that	-0.2658	0.3612
739	@dem0ney yeah. that's been on the future feature list for a while. need to make sure rain sensor doesn't false positive or drain battery.	-0.2658	0.7964
740	@willfealey at some point. features are prioritized by importance * number of owners likely to benefit.	-0.2658	0.5106
741	@mbianchi @andrewkett totally agree. this was a foolish oversight.	-0.2658	0.1065
742	pics of spacex spacesuit developed for nasa commercial crew program coming out next week. undergoing ocean landing mobility/safety tests.	-0.2658	0.4215
743	@dfchil we are going to move all info and settings to the "cloud" (aka server) so any tesla you drive in the world automatically adjusts to you	-0.2658	0
744	@seedecentral @technology i'm not coming for anything. just digging some tunnels and might draw a vacuum on some of them.	-0.2658	0
745	@geerinctx1989 yeah, but not a priority right now	-0.2658	0.296
746	spacex rocket factory as seen from space <a href="https://t.co/jnsvmsnvqx">https://t.co/jnsvmsnvqx</a>	-0.2658	0
747	watching eclipse with sunglasses on through the model s glass roof. wow!	-0.2658	0.5859
748	@theafterpipe yes :)	-0.2658	0.4019
749	@brijwaasi i can't hide the truth any more ...	-0.1002	0.1531
750	was at a friend's party this weekend and drank wine from a mason jar <a href="https://t.co/ems7mbnjep">https://t.co/ems7mbnjep</a>	-0.1002	0.7096
751	@ricky_errera i'm not the ceo of ball mason jars. also, not judging ...	-0.1002	0
752	@bluerhythms i would say that @theonion is the greatest publication in the history of all conscious beings, living or dead	-0.1002	-0.0258
753	first picture of spacex spacesuit. more in days to follow. worth noting that this actually works... <a href="https://t.co/5ztqkkitqx">https://t.co/5ztqkkitqx</a>	0.1799	0.2263
754	@konstdubbed yeah. it's kinda disgusting, but my boys and i love it :)	0.1799	0.7287
755	new model x suv now faster than a \$500k lamborghini <a href="https://t.co/j23aknmnmv">https://t.co/j23aknmnmv</a>	0.1799	0
756	@discovermag that's a spacex engineer in there, not me	0.1799	0
757	@vorbildgroup i played those games :)	0.1799	0.34
758	a midnight amendment, followed by a vigorously opposed subpoena. someone has been naughty ... <a href="https://t.co/rjeinjnggt">https://t.co/rjeinjnggt</a>	-0.0965	0
759	falcon 9 boost stage on droneship just read the instructions <a href="https://t.co/fztpmwsnoz">https://t.co/fztpmwsnoz</a>	-0.2270	0.4019

760	touchdown: vertical velocity (m/s): -1.47 lateral velocity (m/s): -0.15 tilt (deg): 0.40 lateral position: 0.7m from target center	-0.2270	0
761	@harshilshah1910 it is approximately the size of a carrot	-0.2270	0
762	@sroalf intentionally? yes	-0.2270	0.4019
763	@voltzcoreaudio exactly. yeah.	-0.2270	0.296
764	@rupertdance @voltzcoreaudio probably 2m or so	-0.2270	0
765	max velocity: mach 6.9 max altitude: 247 km highest so far, but velocity matters much more	-0.2270	0.0258
766	max recovered booster velocity was mach 7.9 (bulgariansat). energy is velocity squared, so this is a bigger difference than it appears	-0.2270	0.2732
767	@berlinhedgehog @jmackin2 wsj has been laboriously negative for over a decade. i'm surprised they haven't bored their readers to death by now.	-0.2270	-0.8316
768	@alexeheath @rolfewinkler @julieverhage it was misinterpreted by rolfe at wsj as a fundraising effort. neuralink is not seeking investors.	-0.2270	0
769	@rolfewinkler @julieverhage let me check on that for you. found the answer right here: 🎯 💪	-0.2270	0
770	@kateconger will be hanging with my little chum, gary, on sunday	-0.1373	0
771	@techmeme tesla does not really have "ttunes". that's a joke.	-0.1373	0.3597
772	@beaboutside @hyperloop @spacex @paradigm_hype @swissloop spacex and the boring company are running the hyperloop competition	-0.1373	-0.3182
773	from last year, but still my favorite video of the falcon 9 rocket booster returning from space... <a href="https://t.co/b935pdz2xi">https://t.co/b935pdz2xi</a>	-0.1373	0.4588
774	@smilesimplify @beaboutside @hyperloop @spacex @paradigm_hype @swissloop the latter. there are pretty long gaps between each team run, so livestream is not the way to go.	-0.1373	0.4939
775	@c12olivas i'm not an investor. just believe in putting money into my own companies. don't think the opm approach is right.	-0.1373	0
776	@bobbyblackstock @c12olivas literally zero incentive laws were put into place by my companies. zero. others put them in place. happy to go to zero incentives for all.	-0.1373	0.8176
777	@bobbyblackstock @c12olivas funny thing is, whenever i suggest all companies go to zero incentives, room gets very quiet. that's because others get a lot more than us.	-0.1373	0.6369
778	@su3ur3anlegend sorry! coming next year, along with completing the trans-canada highway and interconnecting us, mexico and central america.	-0.1373	-0.0772
779	<a href="https://t.co/iypzm9fdqk">https://t.co/iypzm9fdqk</a>	-0.1373	0
780	@smilesimplify @vita_berlin @c12olivas exactly. wouldn't let anyone invest more than a token amount in early rounds of spacex and tesla, as the probability of failure was >90%.	-0.1373	-0.296
781	@officeofomar @hyperloopone i hope they and any others trying to advance transport technology succeed	-0.1373	0.7269
782	just arrived at the @hyperloop competition final. student teams have amazing talent!	-0.1373	0.765
783	congratulations to warr team from tech univ munich for winning 2nd @hyperloop competition! peak speed of 324 km/h, which is over 200 mph!!	-0.1373	0.8074
784	might be possible to go supersonic in our test hyperloop tube, even though it's only 0.8 miles long. very high accel/decel needed ...	-0.1373	0
785	@cbotnyse call it ~800mph	-0.1373	0
786	@freewill404 @cbotnyse no such thing as true vacuum, so actually yes	-0.1373	0.6705
787	btw, high accel only needed because tube is short. for passenger transport, this can be spread over 20+ miles, so no spilt drinks.	-0.1373	0
788	@jroque250 @freewill404 @cbotnyse a tiny one	-0.1373	0
789	@piprefer yes, it is	-0.1373	0.4019
790	a model s in the boring company tunnel being dug under los angeles (starting in hawthorne) <a href="https://t.co/tqvdfkkivb">https://t.co/tqvdfkkivb</a>	-0.1373	-0.3182
791	@excellion @boringcompany @openai the ai could def find us there, but maybe it won't care	-0.1373	0.4939
792	hyperloop pod run by team warr <a href="https://t.co/ntamsoxkze">https://t.co/ntamsoxkze</a>	-0.1373	0
793	@bfslandinglegs @richardfpenn @john_gardi actually, no, his architecture was different. also, thinking of going to the moon and actually going to the moon are not the same thing.	-0.1373	0
794	@bfslandinglegs @richardfpenn @john_gardi not that this is remotely equiv to man on the moon, but there is a world of difference between talking about some random idea and doing it	-0.1373	0
795	@newscientist moon base alpha (cheesy show, but i loved it) plus mars	-0.1373	0.5994
796	will run the spacex pusher sled later this week and see what it can do	-0.1373	0
797	@newscientist <a href="https://t.co/ma8zgutrb">https://t.co/ma8zgutrb</a>	-0.1373	0
798	@itchgrid brakes	-0.1373	0

799	@bryanc Clark hyperloop (near) vacuum tube runs parallel to spacex on jack northrop blvd. it is 0.8 miles long and just under 6 ft in diameter.	-0.1373	0
800	worth reading life 3.0 by @tegmark. ai will be the best or worst thing ever for humanity, so let's get it right. <a href="https://t.co/ltoUmh3ujz">https://t.co/ltoUmh3ujz</a>	0.0578	0.25
801	@graduatemonkey that's pretty much why we did it	-0.0344	0.4939
802	@adolfoosthuizen they're so real. anyone going to that much trouble must really care. i'd gladly follow their commands, but they're so friggin obtuse ...	-0.0344	0.5379
803	@nickg_uk @model3owners feature coming soon	-0.0344	0
804	@chaseblackmon1 @boringcompany not sure, but probably	-0.0344	0.3182
805	we took the spacex/tesla hyperloop pusher pod for a spin by itself a few days ago to see what it... <a href="https://t.co/4hr1yn37he">https://t.co/4hr1yn37he</a>	-0.0581	0
806	@dmc_ryan in about six months or so. linked to dual motor config.	-0.0581	0
807	@gigarothpack not a bad idea. for sure, it makes sense to test ai for safety in some kind of open world / sandbox virtual world.	-0.0581	0.6124
808	putting together spacex rocket landing blooper reel. we messed up a lot before it finally worked, but there's some epic explosion footage ...	-0.0581	-0.34
809	astronaut spacesuit next to crew dragon <a href="https://t.co/csmgx8nn0t">https://t.co/csmgx8nn0t</a>	0.1412	0
810	@_vinouz_ @reza_zadeh exactly	-0.1381	0
811	@hohocho yes	-0.1381	0.4019
812	@smilesimplify promise to be as boring as possible!	0.1511	0
813	@simcrook @smilesimplify actually ... yes	0.1511	0.4019
814	long road to reusability of falcon 9 primary boost stage...when upper stage & fairing also reusable, costs will drop by a factor >100. <a href="https://t.co/wytaq3t9ep">https://t.co/wytaq3t9ep</a>	0.1511	0.4019
815	@jovanik21 most of it	0.1511	0
816	high res version at <a href="https://t.co/yyskfhhoz">https://t.co/yyskfhhoz</a>	0.1511	0
817	@bonnienorman of course :)	-0.0056	0
818	@jaycricks_atc what if we just made a mini version of the tesla semi?	-0.0172	0
819	@rishabagrw12013 in discussions with national govt. just need a temporary reprieve on local content requirements until we can build a factory in india.	-0.0172	0
820	@bobby_gupta def not ok. just sent a reminder to tesla stores that we just want people to look forward to their next visit. that's what really matters.	-0.0172	0.4391
821	@richwsadler does my hivemind count as me?	-0.0172	0
822	@jimheaney absolutely. moreover, we expect to expand the facility significantly over time.	-0.1949	0.3744
823	@its_subhamk don't give up if the cause is important enough, even if you believe you are walking into doom. good friends really matter.	-0.0876	0.6697
824	@usatodaymoney @nathanbomey that's not a lot of money for a giant like daimler/mercedes. wish they'd do more. off by a zero.	-0.2664	0.6369
825	@daimler good	-0.2664	0.4404
826	simulation of how the spacex interplanetary spaceship and rocket design would work. will be... <a href="https://t.co/ywydxakqp">https://t.co/ywydxakqp</a>	-0.2180	0
827	@adrianzorrillac yes	-0.2180	0.4019
828	good nyt article from several years ago about the value of fiction <a href="https://t.co/lvg7t0h7zg">https://t.co/lvg7t0h7zg</a>	-0.2180	0.6486
829	@el_deano @daimler @jalopnik yes, i did :)	-0.2180	0.4019
830	headed to adelaide soon to describe new bfr planetary colonizer design in detail @iac2017. this should be worth seeing. design feels right.	-0.2833	0.2263
831	prev ideas for paying ~\$10b dev cost incl. kickstarter & collecting underpants, which turned out to be um... less lucrative than expected	-0.2833	0
832	@fashionista_com @mayemusk congrats mom! i love you.	-0.1104	0.8225
833	@kevinroose just another day in the office	-0.1104	0
834	will be announcing something really special at today's talk <a href="https://t.co/plxtbjy6ia">https://t.co/plxtbjy6ia</a>	-0.1202	0.4576
835	moon base alpha <a href="https://t.co/voy8qew9kl">https://t.co/voy8qew9kl</a>	-0.1202	0
836	mars city opposite of earth. dawn and dusk sky are blue on mars and day sky is red. <a href="https://t.co/xhcziqgnb">https://t.co/xhcziqgnb</a>	-0.1202	0
837	bfr will take you anywhere on earth in less than 60 mins <a href="https://t.co/hwt9bz1fi9">https://t.co/hwt9bz1fi9</a>	-0.1202	0
838	fly to most places on earth in under 30 mins and anywhere in under 60. cost per seat should be... <a href="https://t.co/dgyddgtyd">https://t.co/dgyddgtyd</a>	-0.1202	0
839	part 2 <a href="https://t.co/8fvu57muhm">https://t.co/8fvu57muhm</a>	-0.1202	0
840	@bigajm yup :)	-0.1202	0
841	@meltingice assuming max acceleration of 2 to 3 g's, but in a comfortable direction. will feel like a mild to moderate amusement park ride on ascent and then smooth, peaceful & silent in zero gravity for most of the trip until landing.	-0.1202	0.3612

842	@yasserhzain @verge homes on jupiter with solar-power *and* a powerwall going right now for great price!	-0.1249	0.6249
843	@yasserhzain @verge it would need to refill to return, but it could get to jupiter with low payload	-0.1249	-0.2732
844	aiming for two rocket landings in 48 hours this weekend <a href="https://t.co/c1czw2cqgv">https://t.co/c1czw2cqgv</a>	-0.0297	0
845	i believe i can fly <a href="https://t.co/nmbgpiaujr">https://t.co/nmbgpiaujr</a>	-0.1178	0
846	@rickandmorty final episode was disgustingly good	-0.1178	0.4404
847	@rickandmorty the singularity for this level of the simulation is coming soon. I wonder what the levels above us look like.  good chance they are less interesting and deeper levels are better. so far, even our primitive sims are often more entertaining than reality itself.	-0.1178	0.9275
848	@loganjastremski i'm auditioning to be a roofing spokesmodel in the greater reno area	-0.1178	0.3612
849	@rickandmorty i know that closet is nice and warm, but it's time you admitted you are one of the creators of the next one. everyone already knows and we will still love you just as much (almost).	-0.1178	0.8519
850	@rickandmorty we should definitely get a room ...	-0.1178	0.4019
851	@rickandmorty hell yeah, with that crew, we will party like escobar and cobain wish they could've partied!!	-0.1178	0.5423
852	@ricardorossello i would be happy to talk. hopefully, tesla can be helpful.	-0.0297	0.8481
853	@ricardorossello sounds good, i look forward to talking later today	-0.0297	0.4404
854	@ismailnathij @stafp @tesla tesla always charges the same price for a powerwall (only taxes & shipping costs vary), so something is messed up here. i've asked my team to stop shipment to any installers charging excessive premiums.	-0.0297	-0.6908
855	@temeyers semi specs are better than anything i've seen reported so far. semi eng/design team work is aces, but other needs are greater right now.	-0.0297	0.6597
856	@14agrim high pain tolerance	-0.0297	-0.5106
857	@nextspaceflight or do you?	-0.0297	0
858	@blundell_apps you'll know as soon as we do. we are deep in production hell 🌟	-0.0297	-0.6808
859	@mactechgenius @blundell_apps probably 6 to 8 weeks	-0.0297	0
860	@annerajb med medical equipment has priority	-0.0297	0
861	@nextspaceflight @mactechgenius @blundell_apps i'm doing my best to recalibrate, but that is a fair criticism. however, if i wasn't inherently optimistic, i wouldn't be doing electric cars and rockets in the first place!	-0.0297	0.7096
862	@outonalumb @engadget yeah	-0.0297	0.296
863	@mactechgenius @blundell_apps dec will be a big month, so probably, but it is impossible to be certain right now	-0.0297	0.2732
864	@fredericlambert @mactechgenius @blundell_apps bear in mind that the production ramp is an exponential curve. late oct is possible, but not certain. literally every day makes a big difference.	-0.0297	0.2732
865	@fredericlambert @mactechgenius @blundell_apps there is only one config being built right now, so the only question is "what color?". don't need a configurator for that.	-0.0297	0
866	@teslamodel3fan @fredericlambert @mactechgenius @blundell_apps answers: yes. no. doesn't matter.	-0.0297	0.4215
867	@fredericlambert @mactechgenius @blundell_apps assume the worst. now i need to get back to work...	-0.0297	-0.6249
868	@reuters you forgot to add the video version of their response <a href="https://t.co/eaqzc6rgqe">https://t.co/eaqzc6rgqe</a>	-0.2390	0
869	@verge this doesn't even *seem* innocent	-0.2390	0
870	@producthunt just kept working on my crown chakra and boom! don't let anyone tell you magic isn't real. warning, extremely powerful <a href="https://t.co/rygcymfgl">https://t.co/rygcymfgl</a>	-0.2390	0.1761
871	@0a0010 @producthunt don't underestimate the power of chakras	-0.2390	0
872	jupiter is big <a href="https://t.co/poxgvkpzv7">https://t.co/poxgvkpzv7</a>	-0.2390	0
873	the model 3 body line slowed down to 1/10th speed <a href="https://t.co/vvtthqzf7">https://t.co/vvtthqzf7</a>	-0.2390	0
874	@balajis_ that is actual speed. it is slowed down right now to confirm build consistency and so that a person can stop the robots in time if something goes wrong.	-0.2390	-0.6486
875	@aniesh_vishnu @producthunt everything all at once	-0.2390	0
876	the last of ten iridium global communication satellites delivered to orbit several hundred miles... <a href="https://t.co/tg7hnkltqd">https://t.co/tg7hnkltqd</a>	-0.2390	0
877	@patriciapaje very high pressure air cold gas thruster	-0.0906	-0.296
878	just posted a photo <a href="https://t.co/a9xf4g6dme">https://t.co/a9xf4g6dme</a>	-0.0505	0
879	@ritspex this weekend	-0.0505	0
880	@jirgebeamer no, but i do have a gundam wing	-0.0505	0
881	@manmademoon i own two gasoline cars. one is a model t that a friend gave me and the other is a series 1 '67 e-type roadster. my first love.	-0.0505	0.8126
882	stampign model 3 body panels (real-time) <a href="https://t.co/hhnfw8vuee">https://t.co/hhnfw8vuee</a>	-0.0505	0
883	@patriciapaje aim for 10 kn of thrust on a 200 kg sled. a=f/m ... game over.	-0.0505	0

884	@barnacles to be more inclusive, how about a "pick your tech level" setting. could make the tesla sound like horses (coconuts!), chariots, steam engines, gasoline cars, ...	-0.0505	0.3612
885	@benbenwilde @patriciapaje party time!	-0.0505	0.4019
886	@spacex and other places	-0.1672	0
887	bfr ama on r/space in 2 hours	-0.1672	0
888	yesterday's reddit ask me anything about bfr. you're welcome nk! <a href="https://t.co/g2giimsw8b">https://t.co/g2giimsw8b</a>	-0.1672	0.4588
889	@dj_mr cool that was a joke. i didn't realize people actually used those.	-0.1672	0.296
890	amazing sim of neutron stars colliding <a href="https://t.co/e38rna81tk">https://t.co/e38rna81tk</a>	-0.1672	0.5859
891	the world's most boring hat <a href="https://t.co/rnhpgyhx4z">https://t.co/rnhpgyhx4z</a>	-0.0323	-0.3182
892	@freddier gonna build that tunnel one hat at a time	-0.0323	0
893	@freddier btw, credit for the boring company name goes to @talulahriley	-0.1785	0.0772
894	almost 4000 hats sold so far. whoever buys the 5000th gets a free hat with their hat! <a href="https://t.co/x87evge68u">https://t.co/x87evge68u</a>	-0.1785	0.5106
895	@freddier @talulahriley and credit for the logo art to jj abrams	-0.1785	0.3818
896	second boring machine almost ready. will be called line-storm, after the poem by frost. "and be my love in the rain." <a href="https://t.co/xlwpydpu3p">https://t.co/xlwpydpu3p</a>	-0.1785	0.6258
897	it all comes full circle <a href="https://t.co/zqicdlhfwy">https://t.co/zqicdlhfwy</a>	-0.1785	0
898	@calebh92 there is an actual tunnel and it's getting longer every day	-0.1785	0
899	now at 6400 hats ...	-0.1785	0
900	congratulations to coulter tilton of missouri, buyer of hat 5000! you have won a free hat signed by the boring team.	-0.1785	0.7096
901	@bachism but the hat is real!	-0.2553	0
902	@apta_info @baltimorestorn not ready to do a proper announcement yet, but maybe in a month or so. maryland has been awesome to work with and just wanted to say thanks.	-0.2553	0.8591
903	@atlasobscura a reminder of the youth of our 10,000 year (to be generous) civilization. we are not even a flash in the pan compared to the 4,500,000,000 year age of earth. i won't even bother mentioning the age of the universe.	-0.3620	-0.34
904	@jamesharvey1991 it won't even need to ask you most of the time	-0.3620	0
905	@nextspaceflight @jamesbarr1991 yeah, don't exactly need to be sherlock holmes.	-0.3620	0.296
906	on the list of people who should absolutely *not* be allowed to develop digital superintelligence... <a href="https://t.co/renz50fgnc">https://t.co/renz50fgnc</a>	-0.1348	0
907	@verge groan	-0.1348	0
908	@lorengrush @verge it's true tho	-0.1348	0.4215
909	just feed it the godfather movies as input. what's the worst that could happen? <a href="https://t.co/wx4kx45csv">https://t.co/wx4kx45csv</a>	-0.1391	-0.6249
910	campfire on the gigafactory roof <a href="https://t.co/jkxakuzvzy">https://t.co/jkxakuzvzy</a>	-0.1391	0
911	whiskey, fire, s'mores and jc  also, hotdog or not hotdog? <a href="https://t.co/86cxwbzywb">https://t.co/86cxwbzywb</a>	-0.1391	-0.34
912	btw, just want to express a word of appreciation for the hard work of the tesla gigafactory team. reason i camped on the roof was because it was less time than driving to a hotel room in reno. production hell, ~8th circle ...	-0.0802	-0.34
913	picture of the boring company la tunnel taken yesterday <a href="https://t.co/tfdvkxyfsj">https://t.co/tfdvkxyfsj</a>	-0.0849	-0.3182
914	@uncover007 500 ft so far. should be 2 miles long in three or four months and hopefully stretch the whole 405 n-s corridor from lax to the 101 in a year or so.	-0.0849	0.4019
915	@bob_richards one rocket, slightly toasted	0.0123	0
916	atatürk anıtkabir <a href="https://t.co/al3wt0njr6">https://t.co/al3wt0njr6</a>	-0.1301	0
917	I placed the flowers  three broken ribs a pierced lung and still he fought for peace at... <a href="https://t.co/meekf2zntm">https://t.co/meekf2zntm</a>	-0.0933	-0.2263
918	"if one day, my words are against science, choose science." mustafa kemal atatürk	-0.0933	0
919	@newscientist sure ...	-0.0933	0.3182
920	sunset at the gigafactory <a href="https://t.co/kpuuk7bktk">https://t.co/kpuuk7bktk</a>	0.2515	0
921	tesla semi truck unveil to be webcast live on thursday at 8pm! this will blow your mind clear out of your skull and into an alternate dimension. just need to find my portal gun ...	0.2515	0.0516
922	@newscientist ... say scientists — among other insights gained — after a large vat of lsd overturned in the lab. also discovered: humans are just sentient sponges, drywall tastes like a marshmallow and gravity is real. the last point remains heavily debated.	0.2515	0.3612

923	@rjcc @tesla that is a *counterpoint* to illustrate absurdity, meaning that obviously a single careless statement should *not* ruins someone's life	0.0163	0
924	@rjcc @tesla do you really believe that someone's life should be ruined if they make a single offensive comment for which they then sincerely apologize?	0.0163	0
925	it can transform into a robot, fight aliens and make one hell of a latte <a href="https://t.co/8h9vvwu4f5">https://t.co/8h9vvwu4f5</a>	0.0163	-0.802
926	sorry, date is tomorrow night at 8pm. this pic is from the old invite.	0.0163	0.0772
927	0 to 100 km/h in 1.9 sec <a href="https://t.co/xtotdgwqj">https://t.co/xtotdgwqj</a>	-0.3330	0
928	tesla semi <a href="https://t.co/7vlz7f46ji">https://t.co/7vlz7f46ji</a>	-0.3330	0
929	should clarify that this is the base model performance. there will be a special option package that takes it to the next level.	-0.2173	0.4019
930	not saying the next gen roadster special upgrade package *will* definitely enable it to fly short hops, but maybe ... certainly possible. just a question of safety. rocket tech applied to a car opens up revolutionary possibilities.	-0.2173	0.8625
931	@commagere for one thing, aliens obv built the pyramids! who but aliens could have figured out how to align and stack stone blocks in a series of concentric squares!? um, ok, i guess maybe people.	-0.2173	0.296
932	initial hat offering going great w over \$300k in hat sales already! thanks for buying our super boring hat. you rock, figuratively & literally. all cash goes directly towards more boring.	0.0518	0.8074
933	@bjornlilja adjusting soon	-0.0654	0
934	thanksgiving in the rockies. love my bro @kimbal. radishing t-shirt courtesy of his company,... <a href="https://t.co/fb6rtbfdk8">https://t.co/fb6rtbfdk8</a>	-0.0251	0.6369
935	this is nothing. in a few years, that bot will move so fast you'll need a strobe light to see it. sweet dreams... <a href="https://t.co/0mynixqxmw">https://t.co/0mynixqxmw</a>	-0.0251	0.6908
936	got to regulate ai/robotics like we do food, drugs, aircraft & cars. public risks require public oversight. getting rid of the faa wdn't make flying safer. they're there for good reason.  <a href="https://t.co/6oxzc3udmw">https://t.co/6oxzc3udmw</a>	-0.0251	0.802
937	@gloryless otherwise you'd only see a blur	-0.0251	0
938	@nsylianteng it's there. just unfold the visor and lift the cover.	-0.0251	0
939	@worldandscience wow, they played d&d in d&d	-0.0251	0.7351
940	mars sky is the opposite of earth blue sunrise and sunset red during the day <a href="https://t.co/rjmsz98bcz">https://t.co/rjmsz98bcz</a>	-0.0783	0
941	@thisissandeepg not true. a friend sent me part of a btc a few years, but i don't know where it is.	-0.0783	0.7184
942	@pieterdewit_nz @thisissandeepg int main(){}	-0.0783	0
943	@keithmanaloto_ @pieterdewit_nz @thisissandeepg as i've said before, i am definitely a martian	-0.0783	0.4019
944	why is there no flat mars society!?	-0.0783	0
945	the boring company will compete to fund, build & operate a high-speed loop connecting chicago o'hare airport to downtown <a href="https://t.co/brqkpzsjjz">https://t.co/brqkpzsjjz</a>	-0.0981	-0.3182
946	@fredericclambert kinda	-0.0981	0
947	@fredericclambert a loop is like a hyperloop, but without drawing a vacuum inside the tube. don't need to get rid of air friction for short routes.	-0.0981	0.3612
948	@fredericclambert electric pods for sure. rails maybe, maybe not.	-0.0981	0.3182
949	model x races a gasoline sports car while towing a sports car <a href="https://t.co/xliwxpz36r">https://t.co/xliwxpz36r</a>	-0.0981	0
950	racing video part 2 <a href="https://t.co/nqvm2r9k0h">https://t.co/nqvm2r9k0h</a>	-0.0981	0
951	@lanceulanoff what does it look like?	-0.0981	0.3612
952	falcon heavy to launch next month from apollo 11 pad at the cape. will have double thrust of next largest rocket. guaranteed to be exciting, one way or another.	-0.1344	0.4939
953	payload will be my midnight cherry tesla roadster playing space oddity. destination is mars orbit. will be in deep space for a billion years or so if it doesn't blow up on ascent.	-0.1344	0.2023
954	@jc_channel yes	-0.1344	0.4019
955	@mswagle yeah	-0.1344	0.296
956	@bonnienorman red car for a red planet	-0.1344	0
957	@highqualitysh1t i love the thought of a car drifting apparently endlessly through space and perhaps being discovered by an alien race millions of years in the future	-0.1344	0.6369
958	@novaspivack that's certainly the right way to go to store massive amounts of data for a long time	-0.1344	0.34
959	to preserve the transcendent majesty & specialness of the boring company cap, we are capping cap orders at 50,000 caps. almost there ... <a href="https://t.co/yqjeqafy3u">https://t.co/yqjeqafy3u</a>	-0.1344	-0.3182
960	@ivanescobosa yes	-0.1344	0.4019
961	hat	-0.1344	0
962	every 5000th buyer of our boringly boring hat will get a free hat signed by the delivery guy <a href="https://t.co/11tyeusg4m">https://t.co/11tyeusg4m</a>	-0.1344	0.25

963	@maralkalajian maybe	-0.1344	0
964	@therealutkarsh because it's stupid	-0.1344	0
965	@therealutkarsh and, at the risk of stating the obvious, extremely boring	-0.1344	-0.5709
966	@nefudaboss beyond anything you can imagine	-0.1344	0
967	that special hat delivery will take place deep within the real, but fictional (of course), tunnel we are building under la while you drive the giant machine blindfolded. this will actually happen.	-0.1344	0.4019
968	@sm_carl deal	-0.1344	0
969	the *real* money comes from merchandising. i learned it from this documentary <a href="https://t.co/e4gpql6kf">https://t.co/e4gpql6kf</a>	-0.1344	0
970	@fortunetech do it	-0.1217	0
971	@tiamaria68uk yes	-0.0929	0.4019
972	on tuesday, spacex will attempt to refly both an orbital rocket and spacecraft for the first... <a href="https://t.co/wm5spjndmb">https://t.co/wm5spjndmb</a>	-0.0929	0
973	@tiamaria68uk plus a towel and a sign saying "don't panic"	-0.0929	-0.5106
974	over 30,000 hats sold!	0.2130	0
975	after 50k hats, we will start selling the boring company flamethrower	0.2130	-0.3182
976	i know it's a little off-brand, but kids love it	0.2130	0.6041
977	and those are just the really big ones. the permian was especially bad, unless you were a mushroom. <a href="https://t.co/xt9skw3aix">https://t.co/xt9skw3aix</a> <a href="https://t.co/7hwh5ods7u">https://t.co/7hwh5ods7u</a>	0.1195	-0.5849
978	35000	0.1195	0
979	it is high time that humanity went beyond earth. should have a moon base by now and sent astronauts to mars. the future needs to inspire. <a href="https://t.co/6hjdqrsa5">https://t.co/6hjdqrsa5</a>	-0.1437	0.5719
980	@kaaningilamo our existence cannot just be about solving one miserable problem after another. there need to be reasons to live.	-0.1437	-0.0772
981	10 hat aficionados, in appreciation for their exquisite taste in millinery, will be picked at random to tour the la tunnel & drive boring machine	-0.1687	0.25
982	@ivanescobosa yes	-0.1687	0.4019
983	@luisfcorreia yeah, pretty much anywhere	-0.1687	0.6597
984	@turnislefthome yes	-0.1687	0.4019
985	@wired this depressingly misleading & misanthropic article came from a very brief digression at an ai conf, not from an interview with wired as is falsely implied. this is why i stopped following wired long ago. there are way better tech pubs out there.	-0.0758	-0.1779
986	@humantransit you're an idiot	-0.0758	-0.5106
987	@wired good point. it's just a really bad and fundamentally misleading article that doesn't actually represent my point of view at all. other publications referred to it as an "interview".	-0.0758	-0.5936
988	@aliliing @humantransit meant to say "sanctimonious idiot"	-0.0758	-0.5106
989	42k	-0.2271	0
990	hg2g	-0.2271	0
991	@slashdot @mavtechie @flatearthorg i also support the concave earth and hollow globe societies. just covering my bases ...	-0.2271	0.4019
992	@thomas_quinlan @slashdot @mavtechie @flatearthorg where's the evidence!?	-0.2271	0
993	@lukealization for now, we only use those on super hot reentry missions. will go to all ti with falcon 9 v5, which is a few months away.	-0.2271	0.5994
994	thanks! <a href="https://t.co/dr3cfpsxje">https://t.co/dr3cfpsxje</a>	-0.2931	0.4404
995	@painintheheart knight rider is real	-0.1827	0
996	falcon heavy at the cape <a href="https://t.co/hizfdvsu7x">https://t.co/hizfdvsu7x</a>	-0.1827	0
997	@clickhole hate it when that happens. some people are so rude!	-0.1827	-0.5719
998	max thrust at lift-off is 5.1 million pounds or 2300 metric tons. first mission will run at 92%.	-0.0607	0
999	falcon heavy launching from same @nasa pad as the saturn v apollo 11 moon rocket. it was 50% higher thrust with five f-1 engines at 7.5m lb-f. i love that rocket so much.	-0.0607	0.6369
1000	@sally_alcot @nasa if things go perfectly, all three rocket booster cores will come back and land. sides back at the cape, center on the droneship.	-0.0607	0
1001	@nzben @swiftonsecurity with people around, so you can see scale <a href="https://t.co/e0w1w0njkv">https://t.co/e0w1w0njkv</a>	-0.0607	0
1002	@nickwadlow sorry about that. thanks for letting me know. will get it fixed.	-0.0607	0.3818
1003	glad to see that tesla owners are having a good experience. working to improve further. some cool software updates coming soon. <a href="https://t.co/16nabnhead">https://t.co/16nabnhead</a>	-0.0607	0.8779
1004	@paulkrugman idiots can be very dangerous when they seem smart, but aren't (having "phd" in their bio is a dead giveaway), as some policymakers may get fooled. that's what really bothered me about that human cat meme / transit "expert".	-0.0607	-0.6908
1005	@paulkrugman for the record, i actually love trains, most subways and london buses.	-0.0607	0.6369
1006	@youri_hart major navigation overhaul coming in early 2018. will be light-years ahead of current system, but we are testing it rigorously before rolling out.	-0.0607	0

1007	@paulkrugman however, public transit is obviously not fully solving the problem, as most major cities have been in traffic hell for decades with no solution in sight. multi-level tunnels can solve this, but we need much better tunneling technology, as it is currently super slow and expensive.	-0.0607	0.6142
1008	@ben_made_new @paulkrugman i would only call someone an idiot if people were mistakenly under the impression that the person was smart	-0.0607	0.0772
1009	@rbrome @paulkrugman bloody hell, i'm going to have to write a blog. can't fit this into tweets.	-0.0607	-0.4767
1010	i love twitter	-0.0607	0.6369
1011	@redletterdave how much is it?	-0.0607	0
1012	@goodaudz @mtlbagelboy @paulkrugman his "phd" is in literature (really), presumably bad fiction	-0.0607	-0.5829
1013	wanted again to send a note of deep gratitude to tesla owners ww for taking a chance on a new company that all experts said would fail.  so much blood, sweat & tears from the tesla team went into creating cars that you'd truly love. i hope you do.  how can we improve further?	-0.2461	0.8934
1014	@seanmahoneyap sorry for the delay. we have the most advanced ai neural net of any consumer product by far, so it's going through exhaustive testing. the results are blowing me away though and i think you will have a similar experience.	-0.2461	-0.1531
1015	@vanseedbank i promise that we will make a pickup truck right after model y. have had the core design/engineering elements in my mind for almost 5 years. am dying to build it.	-0.2461	0.3182
1016	@moskov done	-0.2461	0
1017	@madsveiby should be in next update	-0.2461	0
1018	@mcflashtube was gonna say we'll do all but the last, but that last one sounds like good, cheesy fun :)	-0.2461	0.8271
1019	@iamsamcrompton sustainable energy production with solar and batteries will grow much faster than auto on a percentage basis. that will be a big focus next year, with primary remaining model 3 ramp.	-0.2461	0.2732
1020	@sustainableanna @vanseedbank similar total size. maybe slightly bigger to account for a really gamechanging (i think) feature i'd like to add.	-0.2461	0.4144
1021	@kabirakhtar yeah, it's terrible. had to upgrade old linux os and a bunch of drivers first. major browser upgrades coming to all cars in a few months. note, will be slower at first until code is optimized.	-0.2461	0.2732
1022	@jason @tesla sure	-0.2461	0.3182
1023	@dd_hogan ok	-0.2461	0.296
1024	@kreative vastly better maps/nav coming soon	-0.2461	0.4404
1025	@neilsiegel @tesla coming very soon	-0.2013	0
1026	using a neural net to detect rain using cameras (no dedicated rain or sun sensors). computers are very patient. <a href="https://t.co/ym0tq6vlov">https://t.co/ym0tq6vlov</a>	-0.1865	0.4588
1027	falcon heavy goes vertical <a href="https://t.co/ug1k0wisv1">https://t.co/ug1k0wisv1</a>	-0.1056	0
1028	<a href="https://t.co/3k71xzdip1">https://t.co/3k71xzdip1</a>	-0.1056	0
1029	@mhmtkcn near 405	0.3475	0
1030	@yoda of course. and an outdoor screen that plays a highlight reel of the best scenes in movie history.	0.3475	0.8225
1031	@omerldiri @tesla good idea. we can just have the menu pop up as soon as you put the car into park.	0.3475	0.4404
1032	long exposure of rocket ascent, reentry from space and landing burn. (credit @johnkrausphotos) <a href="https://t.co/x24k3han8m">https://t.co/x24k3han8m</a>	0.3475	0.3818
1033	@ppathole @tesla @teslarati @mkbhd fixed in next release	-0.1354	0
1034	@mister_millard @tesla that sounds cool. will do.	-0.1354	0.3182
1035	@id_aa_carmack @daniellefong actually, you can upgrade the battery pack for a huge improvement in range and some improvement in performance. there are other items you can upgrade too (seats, infotainment, etc), but i recommend keeping those parts original.	-0.1545	0.9022
1036	@sallyshin check <a href="https://t.co/iI3cwstpxr">https://t.co/iI3cwstpxr</a> for updates	-0.1270	0
1037	falcon heavy hold-down firing this morning was good. generated quite a thunderhead of steam. launching in a week or so. <a href="https://t.co/npaqatbnir">https://t.co/npaqatbnir</a>	-0.2762	0.128
1038	aiming for first flight of falcon heavy on feb 6 from apollo launchpad 39a at cape kennedy. easy viewing from the public causeway.	0.0947	0.4404
1039	say hello to my little friend ... <a href="https://t.co/oyg4qhf4ea">https://t.co/oyg4qhf4ea</a>	0.0947	0.4417
1040	the boring company flamethrower guaranteed to liven up any party! <a href="https://t.co/n2fizimjia">https://t.co/n2fizimjia</a>	0.0947	0.1027
1041	great for roasting nuts 🥜 ☕ <a href="https://t.co/mgmksjhiyx">https://t.co/mgmksjhiyx</a>	0.0947	0.4215

1042	@mkbhd atf says any flamethrower with a flame shorter than 10 ft is a-ok. our design is max fun for least danger. i'd be way more scared of a steak knife.	0.0947	0.8061
1043	don't do this <a href="https://t.co/e0q6ax60k5">https://t.co/e0q6ax60k5</a>	0.0947	0
1044	when the zombie apocalypse happens, you'll be glad you bought a flamethrower. works against hordes of the undead or your money back!	0.0947	0.4588
1045	1,000 ordered already, only 19,000 left!	0.0947	0
1046	obviously, a flamethrower is a super terrible idea. definitely don't buy one.	0.0947	0.5423
1047	unless you like fun	0.0947	0.7003
1048	@franke @boringcompany hmmm	0.0947	0
1049	@franke @boringcompany good thing you didn't ask about the freezegun ...	0.0947	0.4404
1050	the rumor that i'm secretly creating a zombie apocalypse to generate demand for flamethrowers is completely false	0.0947	0.1779
1051	you'd need millions of zombies for a so-called "apocalypse" anyway. where would i even get a factory big enough to make so many!?	0.0947	0
1052	@andressa_ojeda @franke @boringcompany hmm ... portal gun. now that would be interesting.	0.0947	0.0772
1053	@jlolgolson ok	0.0947	0.296
1054	but wait, there's more: the flamethrower is sentient, its safe word is "cryptocurrency" and it comes with a free blockchain	0.0947	0.7351
1055	@jeremyheitman sentience is overrated	0.0947	0
1056	@duvalmagic sure	0.0947	0.3182
1057	@josephhuberman @tesla coming soon	0.0947	0
1058	@hariscelic for sure, and it keeps you warm at the same time	0.0947	0.4939
1059	10k	0.0947	0
1060	@theonion so hard to keep future product releases secret	-0.0909	-0.1027
1061	@sundogz ~3k	-0.0909	0
1062	15k	-0.0909	0
1063	falcon heavy in foreground on launch complex 39a and falcon 9 in background on 40 <a href="https://t.co/gizl3sse4a">https://t.co/gizl3sse4a</a>	0.0323	0
1064	<a href="https://t.co/lyjol0t7sc">https://t.co/lyjol0t7sc</a>	0.0323	0
1065	@spacex now that's a real flamethrower ...	-0.1396	0
1066	@thewalkingdead @chandrerriggs from the world's leading experts in zombie defense	-0.1396	0.128
1067	@omaruddin @stevewoz @tesla @businessinsider woz is a lovable, fuzzy bear 🐻	-0.1396	0
1068	this rocket was meant to test very high retrothrust landing in water so it didn't hurt the dronestop, but amazingly it has survived. we will try to tow it back to shore. <a href="https://t.co/hipmgdnq16">https://t.co/hipmgdnq16</a>	-0.1396	-0.5267
1069	@almeidagoncalo yes	-0.1396	0.4019
1070	@chandrerriggs @thewalkingdead of course	-0.1396	0
1071	flamethrowers sold out	-0.1396	0
1072	all flamethrowers will ship with a complimentary boring fire extinguisher	-0.1396	-0.5719
1073	@andrewghobden a snowthrower would be really fun	-0.1396	0.5563
1074	small detail, but each one will come with a serial number from 1 to 20,000 <a href="https://t.co/zbyeyo6zqu">https://t.co/zbyeyo6zqu</a>	-0.1396	0.0772
1075	@shannonnullcode yes	-0.1396	0.4019
1076	@theendercobra i think we've figured it out	-0.1989	0
1077	@adamyanmichael no	-0.1989	0
1078	@mrvergona release candidate in final testing phase	-0.1989	0
1079	@theteslashow early access build and especially dev build are feature-rich, but the features aren't reliable enough yet	-0.1989	0.5574
1080	apparently, some customs agencies are saying they won't allow shipment of anything called a "flamethrower". to solve this, we are renaming it "not a flamethrower".	-0.2049	0.4019
1081	or maybe "temperature enhancement device"	-0.2049	0
1082	customs problem solved! <a href="https://t.co/6d0fbm8nfi">https://t.co/6d0fbm8nfi</a>	-0.2049	-0.1531
1083	falcon heavy launch simulation almost ready. will be set to bowie's life on mars.	-0.2049	0.2975
1084	pale blue dot <a href="https://t.co/kzj3i55eyl">https://t.co/kzj3i55eyl</a>	-0.2049	0
1085	mars awaits <a href="https://t.co/zdo1pj6q4">https://t.co/zdo1pj6q4</a>	-0.2049	0
1086	falcon heavy remains go for launch at 1:30pm on tuesday	-0.2049	0
1087	florida time	-0.2049	0
1088	starman in red roadster <a href="https://t.co/ou88rvhz1z">https://t.co/ou88rvhz1z</a>	-0.2049	0
1089	<a href="https://t.co/nhb3gd0gm6">https://t.co/nhb3gd0gm6</a>	-0.2049	0
1090	regular departures ... <a href="https://t.co/5gm9cbmewd">https://t.co/5gm9cbmewd</a>	-0.2049	0
1091	falcon heavy sends a car to mars <a href="https://t.co/y7ubtu6mt2">https://t.co/y7ubtu6mt2</a>	-0.2049	0
1092	all systems remain green for launch at 1:30pm est tomorrow	-0.2049	0
1093	live webcast of the launch at <a href="https://t.co/bdd3gxqxmc">https://t.co/bdd3gxqxmc</a>	0.0839	0
1094	flight profile #falconheavy #spacex <a href="https://t.co/lfwxqualp">https://t.co/lfwxqualp</a>	0.0839	0

1095	upper atmosphere winds currently 20% above max allowable load. holding for an hour to allow winds to diminish. #falconheavy	0.0839	0.2263
1096	launch auto-sequence initiated (aka the holy mouse-click) for 3:45 liftoff #falconheavy	0.0839	0
1097	camera views from inside the payload fairing #falconheavy <a href="https://t.co/vqaz2yj5yy">https://t.co/vqaz2yj5yy</a>	0.0839	0
1098	rocket lz 1 and 2 <a href="https://t.co/gckykkik4i">https://t.co/gckykkik4i</a>	0.0194	0
1099	upper stage restart nominal, apogee raised to 7000 km. will spend 5 hours getting zapped in van allen belts & then attempt final burn for mars.	0.0194	0
1100	view from spacex launch control. apparently, there is a car in orbit around earth. <a href="https://t.co/qljn2vn1o">https://t.co/qljn2vn1o</a>	0.0194	0
1101	live view of starman <a href="https://t.co/gvslztle6l">https://t.co/gvslztle6l</a>	0.0194	0
1102	currently over australia au <a href="https://t.co/haya3e6oej">https://t.co/haya3e6oej</a>	0.0194	0
1103	printed on the circuit board of a car in deep space <a href="https://t.co/8zmjvus4w1">https://t.co/8zmjvus4w1</a>	0.0194	0
1104	on the rocket lz <a href="https://t.co/uyind2fmi5">https://t.co/uyind2fmi5</a>	0.0194	0
1105	@vp @spacex thank you on behalf of spacex	0.0194	0.3612
1106	@samharrisorg @spacex we're doing ok for a bunch of monkeys. humanity rocks!	0.0194	0.296
1107	@realdonaldtrump @spacex @nasa thank you on behalf of spacex. an exciting future lies ahead!	0.0194	0.4404
1108	third burn successful. exceeded mars orbit and kept going to the asteroid belt. <a href="https://t.co/bkhrn73whf">https://t.co/bkhrn73whf</a>	0.0194	0.5859
1109	last pic of starman in roadster on its journey to mars orbit and then the asteroid belt <a href="https://t.co/iwsjrytr8v">https://t.co/iwsjrytr8v</a>	-0.6772	0
1110	falcon heavy engine plumes look like giant laser beams in this photo by rocketphotography <a href="https://t.co/d1rkdpnj5">https://t.co/d1rkdpnj5</a>	-0.1135	0.3612
1111	now, if i can just figure out how to attach those to a really big shark ...	-0.1135	0
1112	love and rockets <a href="https://t.co/vnnfxb1iig">https://t.co/vnnfxb1iig</a>	-0.1135	0.6369
1113	@doug_ellison @dsfpspacefl1ght the performance numbers in this database are not accurate. in process of being fixed. even if they were, a fully expendable falcon heavy, which far exceeds the performance of a delta iv heavy, is \$150m, compared to over \$400m for delta iv heavy.	-0.1135	0
1114	@doug_ellison @dsfpspacefl1ght both exhaust velocity (isp) and mass ratio drive the rocket equation. also thrust/mass matters a lot for oberth effect. delta upper stage isp is good, but mass ratio and thrust are not.	-0.1135	0.2023
1115	@dlxinorbit @doug_ellison @dsfpspacefl1ght that was three years ago, before ula cancelled all medium versions of delta iv. future missions have all delta fixed costs piled on, so their cost is now \$600m+ for missions contracted for launch after 2020. nutty high.	-0.1135	0
1116	@angrypackomeese @dlxinorbit @doug_ellison @dsfpspacefl1ght maybe that plan works out, but i will seriously eat my hat with a side of mustard if that rocket flies a national security spacecraft before 2023	-0.1135	0.1779
1117	@angrypackomeese @dlxinorbit @doug_ellison @dsfpspacefl1ght of course :)	-0.1135	0
1118	@doug_ellison @davidedf_ @dsfpspacefl1ght <a href="https://t.co/lijrumujdq">https://t.co/lijrumujdq</a>	-0.1135	0
1119	@davidedf_ @doug_ellison @dsfpspacefl1ght side boosters landing on droneships & center expended is only ~10% performance penalty vs fully expended. cost is only slightly higher than an expended f9, so around \$95m.	-0.1135	-0.4588
1120	@djsnm @doug_ellison @dsfpspacefl1ght under consideration. we've already stretched the upper stage once. easiest part of the rocket to change. fairing 2, flying soon, also has a slightly larger diameter. could make fairing much longer if need be & will if bfr takes longer than expected.	-0.1135	0
1121	@nextspaceflight a third is under construction	-0.1135	0
1122	@nova_road @nextspaceflight a shortfall of gravitas	-0.1135	0
1123	@octagrabber @nova_road @nextspaceflight no	-0.1135	0
1124	@kerrbones @nextspaceflight not enough ignition fluid to light the outer two engines after several three engine relights. fix is pretty obvious.	-0.1135	0.4939
1125	@doug_ellison @dsfpspacefl1ght found the source of the problem. the nasa database has the falcon block 1 performance. version currently in production and set to fly in a few months is block 5. spacex gnc team is submitting updated numbers.	-0.1135	-0.8176
1126	@teslarati adding software feature to open glovebox automatically when car comes to a stop after a crash. will look at bonding a thin plastic sheet to the front or back of screen.	-0.0417	-0.5994
1127	@angilly i don't get the little ship thing. you can't show up at mars in something the size of a rowboat. what if there are martians? it would be so embarrassing.	-0.0984	-0.3818
1128	@lorengrush @t28058389 @vp @blueorigin @ulalaunch @spacex @erdayastronaut @sciguyspace strange though. delta iv heavy has half the payload of falcon heavy and the bo rocket doesn't exist yet.	-0.1615	-0.2023
1129	high altitude wind shear data shows a probable 2% load exceedance. small, but better to be paranoid. postponing launch to tomorrow, assuming winds are better then.	-0.1615	0.5859
1130	if anyone is curious, the name was inspired by the fault in our stars	0.1173	0.4215
1131	@edeggernont that's just random	0.1173	0

1132	@deadlybananas @michaelavaughn not sure. i let @jack know, but it's still going. i literally own zero cryptocurrency, apart from .25 btc that a friend sent me many years ago.	0.1173	0.6705
1133	@journoanirban @uber @dkhos @hyperloopone @hyperlooptt @vccircle @vccstartups if you love drones above your house, you'll really love vast numbers of "cars" flying over your head that are 1000 times bigger and noisier and blow away anything that isn't nailed down when they land	0.1173	0.8746
1134	going to try to catch the giant fairing (nosecone) of falcon 9 as it falls back from space at... <a href="https://t.co/cvs2poajah">https://t.co/cvs2poajah</a>	0.1173	0
1135	made it back from space and fairing parafoil just deployed. now trying to catch it ...	0.1173	0
1136	missed by a few hundred meters, but fairing landed intact in water. should be able catch it with slightly bigger chutes to slow down descent.	0.1173	-0.1027
1137	@minhazlive this was an older version booster, so no recovery attempted	0.1173	0
1138	@dmoberhaus about a month	0.1173	0
1139	first two starlink demo satellites, called tintin a & b, deployed and communicating to earth stations <a href="https://t.co/tfi53whetz">https://t.co/tfi53whetz</a>	0.1173	0
1140	don't tell anyone, but the wifi password is "martians"	0.1173	0
1141	that was a dm, right?	0.1173	0
1142	@electrekco @teslaroadtrip am feeling optimistic about beating the semi specs announced at the unveiling for the same price. the tesla semi will be something really special.	-0.0270	0.6997
1143	@andrestaltz will be simpler than ipv6 and have tiny packet overhead. definitely peer-to-peer.	-0.0270	0.4019
1144	@cheresh @andrestaltz end-to-end encryption encoded at firmware level. unlikely to be hacked w current computing tech. if it is (and we learn about it), a crypto fix will go out immediately via network-wide firmware update.	-0.0270	0
1145	@cdelancray @sapinker @wired wow, if even pinker doesn't understand the difference between functional/narrow ai (eg. car) and general ai, when the latter *literally* has a million times more compute power and an open-ended utility function, humanity is in deep trouble	-0.2080	0.2732
1146	china's progress in advanced infrastructure is more than 100 times faster than the us <a href="https://t.co/fcqgik78ry">https://t.co/fcqgik78ry</a>	-0.2935	0.5859
1147	and we are even worse than that in california <a href="https://t.co/wiketqshmp">https://t.co/wiketqshmp</a>	-0.2935	-0.4767
1148	and new york <a href="https://t.co/gkuzkmlys1">https://t.co/gkuzkmlys1</a>	-0.2935	0
1149	higher safety & environmental requirements & labor costs explain only a small part of the difference. true root cause imo is an exponential growth in bureaucracy & a self-serving private sector consultant industry earning a % on project cost, incenting them to maximize cost.	-0.2935	0.802
1150	want to clarify that as individuals, the people responsible for the high costs & long timelines are almost all well-meaning, but the system of incentives is messed up	-0.2935	0.5118
1151	@pewwer42 probably about a tenth of the cost and a fifth of the time	-0.2935	0
1152	deep in the hole with my boring machine. sometimes when we touch, the honesty's too much ... <a href="https://t.co/pl6ap14tab">https://t.co/pl6ap14tab</a>	-0.0845	-0.3182
1153	@toddbourne @tesla almost done	-0.0845	0
1154	@simonhackett @toddbourne @tesla yeah, that should improve soon. software team has been buried in model 3 bringup and tricky bug fixes, but that's mostly done now.	-0.0845	0.5423
1155	@simonhackett @toddbourne @tesla good points. will add to feature list.	-0.0845	0.4404
1156	@keithbigelow very sensible summary of supersonic flight. obvious answer is to fly high, which gives low drag & low boom amplitude at ground. if boom too loud, airframe design probably wrong too.	-0.0845	-0.802
1157	falcon 9 flight 50 launches tonight, carrying hispasat for spain. at 6 metric tons and almost the size of a city bus, it will be the largest geostationary satellite we've ever flown.	-0.0845	0
1158	@spacex very proud of the spacex team! can't believe it's been fifty falcon 9 launches already. just ten years ago, we couldn't even reach orbit with little falcon 1.	-0.2211	0.4939
1159	@mattfeinman if there is anyone in the third row, turn off air recirculation. third row cooling happens by air entering from the front and exiting through the vents in the rear bumper.	-0.2211	0
1160	i just realized there is a jazz hands emoji 🙌	0.0429	0
1161	@jeremyburge literally, if you type "jazz hands", ios shows this emoji 🙌	0.0429	0
1162	@futurecars360 @tesla will have model x do a cover of happy birthday by marilyn monroe <a href="https://t.co/8taibf6hls">https://t.co/8taibf6hls</a>	0.0429	0.5719
1163	first production cargo trip of the tesla semi heavy duty truck, carrying battery packs from the... <a href="https://t.co/6fimygfkw1">https://t.co/6fimygfkw1</a>	0.0429	0
1164	@parkermolloy depends on what you mean by "doom"	-0.1838	-0.4019
1165	@verge every time alexa laughs, an angel dies, so thank goodness ...	-0.1838	0.6705
1166	<a href="https://t.co/pnelntmckf">https://t.co/pnelntmckf</a>	-0.1838	0
1167	<a href="https://t.co/wjdmxreuki">https://t.co/wjdmxreuki</a>	-0.1838	0
1168	@realdonaldtrump do you think the us & china should have equal & fair rules for cars? meaning, same import duties, ownership constraints & other factors.	-0.1838	0.3182

1169	@realdonaldtrump for example, an american car going to china pays 25% import duty, but a chinese car coming to the us only pays 2.5%, a tenfold difference	-0.1838	0
1170	@realdonaldtrump also, no us auto company is allowed to own even 50% of their own factory in china, but there are five 100% china-owned ev auto companies in the us	-0.1838	0
1171	@realdonaldtrump i am against import duties in general, but the current rules make things very difficult. it's like competing in an olympic race wearing lead shoes.	-0.1838	0
1172	@realdonaldtrump we raised this with the prior administration and nothing happened. just want a fair outcome, ideally where tariffs/rules are equally moderate. nothing more. hope this does not seem unreasonable.	-0.1838	-0.1999
1173	@realdonaldtrump to be clear, i think a fair outcome for all is quite likely. china has already shown a willingness to open their markets and i believe they will do the right thing.	-0.0384	0.5994
1174	will be at sxsw sat/sun with jonah & lisa, who created westworld. jonah made an incredible short reel of falcon heavy & starman. releases tmrw aft.	-0.0384	0.25
1175	@starlight_juice talulah is in england, finishing her second novel. it's about a future matriarchal society, with a twist.	-0.0384	0
1176	@kronayne heavy sigh	0.2553	0.0258
1177	will still transport cars, but only after all personalized mass transit needs are met. it's a matter of courtesy & fairness. if someone can't afford a car, they should go first.	0.2553	0.0258
1178	@advil definitely	0.2553	0.4019
1179	boring co urban loop system would have 1000's of small stations the size of a single parking space that take you very close to your destination & blend seamlessly into the fabric of a city, rather than a small number of big stations like a subway	0.2553	0.128
1180	better video coming soon, but it would look a bit like this: <a href="https://t.co/c0ijpi8b4u">https://t.co/c0ijpi8b4u</a>	0.2553	0.6597
1181	@2avsgas i guess you could say it's a 150 mph, underground, autonomous, electric bus that automatically switches between tunnels and lifts. so, yes, a bus.	0.2553	0.4019
1182	tunnels	0.2553	0
1183	@dedubb4 none of the above	0.2553	0
1184	@advil no, it's not	0.2553	0
1185	why falcon heavy & starman?  life cannot just be about solving one sad problem after another. there need to be things that inspire you, that make you glad to wake up in the morning and be part of humanity. that is why we did it. we did for you.  <a href="https://t.co/5sto7q4wro">https://t.co/5sto7q4wro</a>	0.2553	0.5106
1186	on the westworld set with my bro @kimbal <a href="https://t.co/unsb4vgp5o">https://t.co/unsb4vgp5o</a>	0.2553	0
1187	my brother, jonah and i are going to do a cover of my little buttercup from the three amigos. it will be terrible. there will also be a plethora of q and sometimes even a. <a href="https://t.co/4xhux9dn">https://t.co/4xhux9dn</a>	0.2553	-0.4256
1188	@prof_wsoff great idea!	0.2553	0.6249
1189	thud!	-0.3153	0
1190	@bleachthelies thinkularity	-0.3153	0
1191	@maxf01234 @bleachthelies resist	-0.3153	0
1192	that's the name of my new intergalactic media empire, exclamation point optional	-0.3153	0
1193	@anubhavarora06 good point	-0.3153	0.4404
1194	@timthetbatman yeah. i find it soothing.	-0.1850	0.296
1195	@theonion oh you guys ...	-0.1850	0
1196	@theonion your cruel taunts cut me deep. deep. but, i love you too.	-0.1850	0.4767
1197	@iraehrenpreis @tesla thanks for your support over all those years!	-0.1697	0.6808
1198	learning how to pour flaming absinthe over a tower of glasses in a jerusalem speakeasy.... <a href="https://t.co/klfzl7sjh5">https://t.co/klfzl7sjh5</a>	-0.1697	0
1199	paid respects to masada earlier today. live free or die. <a href="https://t.co/rifsvhrkdy">https://t.co/rifsvhrkdy</a>	-0.2007	-0.1531
1200	@lori_garver @jeffbezos lori, this is ridiculous. creating a rocket company has to be one of the dumbest and hardest ways to "make money". if it was about money, i'd just do another internet company.	0.0370	-0.0772
1201	petra and mars <a href="https://t.co/afgszvlimz">https://t.co/afgszvlimz</a>	0.0370	0
1202	maybe there should be 2 providers for chicago advanced transit. monopolies are so boring ... <a href="https://t.co/hxjbtkgib">https://t.co/hxjbtkgib</a>	-0.2115	-0.0772
1203	the swiss police are smart. electricity vs diesel & maintenance more than make up for purchase price diff. plus, the bad guys will def not escape. that's worth a lot ... <a href="https://t.co/fe6zmm8c3f">https://t.co/fe6zmm8c3f</a>	-0.2115	0.2023
1204	better to be in the model x <a href="https://t.co/r0tf79psxe">https://t.co/r0tf79psxe</a>	-0.2115	0.4404
1205	@themodel3guy you're welcome. sorry for the delay. only just got back from gigafactory. will be at our fremont factory in the morning. tesla team is going all out.	-0.2115	0.1027
1206	@xeokeri ok	-0.2115	0.296

1207	@s3xy_ch sounds like this canton has style!	-0.2115	0.3612
1208	@bigyahu thanks!	-0.2115	0.4404
1209	model x pulls a 95,000 lb (15,000 above us road legal limit) semi truck on a pure snow surface <a href="https://t.co/aqmvgmxio">https://t.co/aqmvgmxio</a>	-0.2115	0.128
1210	@loganfeatures sorry 😊	-0.2115	-0.0772
1211	@tomkiss probably mid next year before we are able to make rhd. wish it could be sooner. maybe try a model s, used or new in the meantime? used s is better than a new 3 imo, unless you want a smaller car.	-0.2115	0.7096
1212	@ron_sanes no real surface is perfect, but it did pull about 250,000 lbs of muck rail cars out of a tunnel <a href="https://t.co/wlkblwd0f7">https://t.co/wlkblwd0f7</a>	-0.2115	0.5719
1213	@lori_garver @jeffbezos that said, lori deserves a lot of credit for supporting competitive, commercial space launch while under massive assault from old-school monopolists	-0.3231	0.7351
1214	no technology is too advanced for the boring company! <a href="https://t.co/r3ejypcpko">https://t.co/r3ejypcpko</a>	-0.3231	-0.0772
1215	@georgepaul82 i double-dare them to come back! bring it ...	-0.3231	0
1216	@benflux yes	-0.3231	0.4019
1217	@smilesimplify umm...yes	-0.3231	0.4019
1218	@verge wow, a whole week. risky ...	-0.3231	0.4588
1219	@brianacton what's facebook?	-0.3231	0
1220	@sathish4vy @brianacton inconceivable! who'd say a thing like that!?	-0.3231	0.3612
1221	@serdarsprofile @brianacton i didn't realize there was one. will do.	-0.3231	0
1222	@jivedurkey @spacex @facebook literally never seen it even once	-0.3231	0
1223	@sathish4vy @brianacton maybe that word doesn't mean what i think it does	-0.3231	0
1224	@aysegultelli @brianacton first time i've seen either. one on the left looks official. will be gone soon.	-0.3231	0
1225	@bryson_m @rmac18 @serdarsprofile @brianacton definitely. looks lame anyway.	-0.3231	-0.0258
1226	@kerrymflynn yeah, my fault for being an idiot. we did give them a free launch to make up for it and i think they had some insurance.	-0.3231	-0.128
1227	@mcwm what, a troll, me!? how dare you, sir!	-0.3231	0
1228	@themadstone ok	-0.3231	0.296
1229	@martinapennisi @serdarsprofile @brianacton instagram's probably ok imo, so long as it stays fairly independent. i don't use fb & never have, so don't think i'm some kind of martyr or my companies are taking a huge blow. also, we don't advertise or pay for endorsements, so ... don't care.	-0.3231	0.546
1230	@venturebeat @kharijohnson we've never advertised with fb. none of my companies buy advertising or pay famous people to fake endorse. product lives or dies on its own merits.	-0.3231	-0.5423
1231	@tiggerl82 @venturebeat @kharijohnson you'll live	-0.3231	0
1232	@teslamotorsclub it's not a political statement and i didn't do this because someone dared me to do it. just don't like facebook. gives me the willies. sorry.	-0.1766	0.296
1233	@arstechnica @thepacketrat shocker	-0.1766	0
1234	<a href="https://t.co/c98mw0opaf">https://t.co/c98mw0opaf</a>	-0.1766	0
1235	@anichiporchik new nav starts rolling out this weekend. should be considered a mature beta at first, so won't be perfect, but will improve rapidly. with the old system, we were stuck with legacy 3rd party black box code and stale data. no way to improve.	-0.1766	0.9186
1236	new boring company merch coming soon. lifesize lego-like interlocking bricks made from tunneling rock that you can use to create sculptures & buildings. rated for california seismic loads, so super strong, but bored in the middle, like an aircraft wing spar, so not heavy.	-0.1766	0.872
1237	first kit set will be ancient egypt — pyramids, sphinx, temple of horus, etc	-0.1766	0
1238	@teslainventory guaranteed to be flamethrower-proof!	-0.1766	0
1239	@selberis prob may	-0.1766	0
1240	@leonsarcade yeah, the boring bricks are interlocking with a precise surface finish, so two people could build the outer walls of a small house in a day or so	-0.1766	-0.0258
1241	@dianakfletcher @leonsarcade uhh, it's literally made of rock	-0.1766	0
1242	@safranye @dianakfletcher @leonsarcade yes	-0.1766	0.4019
1243	and they said i'd never be a rock star ...	-0.6762	0
1244	from my mom: every time i use irony, i lose a friend	-0.6762	0.0772
1245	@asteroix yes, you can upgrade hardware, although we also wrote software to accelerate rendering on old mcu. coming out soon & makes a big diff.	-0.6762	0.4019
1246	turns out joking about being a "rock" star because of digging tunnels (through, uh, rock — hello??) is deeply underappreciated	-0.2846	0
1247	@taraustralis @drniallmc @bookhubpublish @1cunionsandphey @brianmlucey @astrovicnet @armoured_combat @gastrogays dueling dwarf vader while dressed as a knight and using a parasol for a sword	-0.2846	0
1248	@taraustralis @drniallmc @bookhubpublish @1cunionsandphey @brianmlucey @astrovicnet @armoured_combat @gastrogays yes. i forgot my sword.	-0.2846	0.4019

1249	house party for the autonomous anarcho-syndicalist commune!! —— peasant woman: well, how'd you... <a href="https://t.co/c85wr2xelx">https://t.co/c85wr2xelx</a>	-0.2846	0.5859
1250	best music video art i've seen in a while <a href="https://t.co/f2e4zdzmym">https://t.co/f2e4zdzmym</a>	-0.2079	0.6369
1251	@srodrgerbock everything's better with fire	-0.2079	0.128
1252	@vbagate hopefully, actual video coming soon. aiming to improve the link quality so it can be real-time.	-0.2079	0.6808
1253	love seeing the scars of the rocket <a href="https://t.co/y5fqrlcv9b">https://t.co/y5fqrlcv9b</a>	-0.2079	0.6369
1254	important news in a few hours ...	-0.2079	0.2023
1255	there are many chapters of bankruptcy and, as critics so rightly pointed out, tesla has them *all*, including chapter 14 and a half (the worst one).	-0.2079	-0.6249
1256	tesla goes bankrupt palo alto, california, april 1, 2018 -- despite intense efforts to raise money, including a last-ditch mass sale of easter eggs, we are sad to report that tesla has gone completely and totally bankrupt. so bankrupt, you can't believe it.	-0.2079	-0.934
1257	elon was found passed out against a tesla model 3, surrounded by "teslaquila" bottles, the tracks of dried tears still visible on his cheeks.  this is not a forward-looking statement, because, obviously, what's the point?  happy new month! <a href="https://t.co/ycouvfz6y1">https://t.co/ycouvfz6y1</a>	-0.2079	0.4215
1258	@petewcarle it's the best	-0.2079	0.6369
1259	@antvenom as you wish	-0.2079	0.4019
1260	@vreeman coming soon to tesla merch. free shots in stores every april 1st.	-0.2079	0.5106
1261	@_iitzbrendon elon university is a real place	-0.2079	0
1262	@tommythornton what about this? <a href="https://t.co/s5zcmvzxc7">https://t.co/s5zcmvzxc7</a>	-0.2079	0
1263	@teslarati @13ericralph31 @w00ki33 oh yeah, forgot to mention it actually landed fine, just not on mr steven <a href="https://t.co/hckb2okj5l">https://t.co/hckb2okj5l</a>	-0.2079	0.4588
1264	@teslamotorsclub lot of respect for ntsb, but nhtsa regulates cars, not ntsb, which is an advisory body. tesla releases critical crash data affecting public safety immediately & always will. to do otherwise would be unsafe.	-0.2079	0.2263
1265	@omarhorryy @teslamotorsclub seriously! obviously, i'm not going to do an april fool's joke about going bankwupt if i thought there was any chance it would actually happen (sigh).	-0.2079	-0.0772
1266	@wsj tesla policy is to issue a recall *before* there are injuries. this is absolutely the right thing to do. yet there were dozens of recalls by other car companies last month, incl w injuries & deaths, but you only wrote an article about tesla. why so?	-0.2079	0
1267	@nocerabv @wsj @tesla not criticizing, just as asking questions. i'm sure there's a really great answer ...	-0.2079	0.7713
1268	@vegamontesino @nocerabv @wsj @tesla we release as soon as we have the data. good timeline, bad timing. doesn't matter.	-0.2079	-0.128
1269	@amir can't believe you're even writing about this. my job as ceo is to focus on what's most critical, which is currently model 3 production. doug, who i regard as one of the world's most talented engineering execs, is focused on vehicle engineering.	-0.2079	0.5574
1270	@amir about a year ago, i asked doug to manage both engineering & production. he agreed that tesla needed eng & prod better aligned, so we don't design cars that are crazy hard to build. right now, tho, better to divide & conquer, so i'm back to sleeping at factory. car biz is hell ...	-0.1641	-0.128
1271	@amir uhh, hello, i need to build cars	-0.1641	0
1272	@rosechehراzi oh, it's on ...	0.8413	0
1273	@complex this is false	0.2916	0
1274	@teslatidbits @tesla we will add a feature to allow request of latest software version	0.2916	0.2263
1275	chris paine ai movie premiering tonight <a href="https://t.co/kxm7usfi8d">https://t.co/kxm7usfi8d</a>	-0.1442	0
1276	nothing will affect the future of humanity more than digital super-intelligence. watch chris paine's new ai movie for free until sunday night at <a href="https://t.co/wehhczx7qe">https://t.co/wehhczx7qe</a>	-0.1442	0.8834
1277	in memory of stephen hawking	-0.1442	0
1278	"you are my creator, but i am your master" — mary shelley	-0.1442	0
1279	@markjvolgin exactly	-0.1442	0
1280	@johnnasabri the cat videos are awesome 	-0.3543	0.6249
1281	upgraded spacex/tesla hyperloop pod speed test soon. will try to reach half speed of sound (and brake) within ~1.2km.	-0.3543	0.0258
1282	this is kinda nutty for such a short distance, so could easily end up being shredded metal, but exciting either way	-0.3543	0.6808
1283	@bvledford @tesla we need to achieve 5k/week with model 3 before adding complexity that would inhibit production ramp	-0.3543	-0.3818
1284	@bvledford @tesla so probably july	-0.3543	0

1285	@razemfrazem @bvledford @tesla similar timing	-0.3543	0
1286	@monitron @tesla should just be due to your config not avail yet. if not lmk.	-0.3543	0
1287	@mathetes76 @monitron @tesla looking into it now	-0.3543	0
1288	@srinivasguduru @mathetes76 @monitron @tesla definitely. will take corrective action immediately. sorry about this.	-0.3543	0.34
1289	free viewing ends in about 5 hours <a href="https://t.co/bracgdfd0r">https://t.co/bracgdfd0r</a>	-0.3543	0.5106
1290	spacex main body tool for the bfr interplanetary spaceship <a href="https://t.co/wbtiti6wsu">https://t.co/wbtiti6wsu</a>	-0.3543	0
1291	@chrispaine @doyoutrust how many views?	-0.3543	0
1292	@pdchina this is a very important action by china. avoiding a trade war will benefit all countries.	0.0295	-0.3612
1293	@volgaksoy @visageofscott place your bets ...	0.0295	0
1294	@ashleyesqueda @petesjca @monitron @tesla should be fully fixed within the next few days	-0.1003	0
1295	@tedtalks @i_firth norway has some really cool tunnels and bridges	-0.2955	0.3804
1296	@audphin @tedtalks @i_firth i love trolls	-0.2955	0.6369
1297	@tedtalks @audphin @i_firth gwynne's got it covered. she's awesome.	-0.1798	0.6249
1298	@voltzcoreaudio @tedtalks @audphin @i_firth maybe a little 😊	-0.1798	0
1299	@benmcleish @tesla looking into it. this is bizarre.	-0.1798	-0.3182
1300	@taysh83 @tesla sorry, demand has been higher than expected. making them as fast as possible, but waitlist is 3 to 6 months.	-0.1798	-0.2023
1301	@theeconomist the economist used to be boring, but smart with a wicked dry wit. now it's just boring (sigh). tesla will be profitable & cash flow+ in q3 & q4, so obv no need to raise money.	-0.1798	-0.2023
1302	@timkhiggins yes, excessive automation at tesla was a mistake. to be precise, my mistake. humans are underrated.	-0.1798	-0.2732
1303	@theonion don't want to brag or anything, but that happens to me sometimes ...	-0.2871	0.0772
1304	@la3_id @theonion too wasted to remember	-0.2871	-0.4939
1305	@la3_id @theonion <a href="https://t.co/qoyh1vvbvp">https://t.co/qoyh1vvbvp</a>	-0.2871	0
1306	interview and tesla factory tour with gayle king <a href="https://t.co/693jzbk4km">https://t.co/693jzbk4km</a>	-0.2871	0
1307	this is gonna sound crazy, but ...	-0.2871	-0.34
1308	spacex will try to bring rocket upper stage back from orbital velocity using a giant party balloon	-0.2871	0.4019
1309	@badastronomer yeah, but great for creating a giant object that retains its shape across all mach regimes & drops ballistic coefficient by 2 orders of magnitude	-0.2871	0.8176
1310	and then land on a bouncy house	-0.2871	0
1311	@smartereveryday @badastronomer we already do targeted retro burn to a specific point in pacific w no islands or ships, so upper stage doesn't become a dead satellite. need to retarget closer to shore & position catcher ship like mr steven.	-0.2871	-0.4215
1312	@quinnkupec @spacex @uofmaryland yeah, exactly! would be great to hear your thoughts. we're going to try a few approaches. can def be done, just about minimizing mass.	-0.1333	0.743
1313	driving a model 3 and playing <a href="https://t.co/5xa3fuwuxy">https://t.co/5xa3fuwuxy</a>	-0.1333	0.2023
1314	now <a href="https://t.co/4clyzlr9mk">https://t.co/4clyzlr9mk</a>	-0.0501	0
1315	<a href="https://t.co/deod5gkfdk">https://t.co/deod5gkfdk</a>	-0.0501	0
1316	<a href="https://t.co/jil6vzhqax">https://t.co/jil6vzhqax</a>	-0.0501	0
1317	<a href="https://t.co/mmrtf3jh5">https://t.co/mmrtf3jh5</a>	-0.0501	0
1318	@vincechen doing our best	-0.0501	0.6369
1319	@mradamprater mostly not	-0.2950	0
1320	@grimezs <a href="#">@postmalone sounds great riding my cyborg 🤖</a>	-0.1741	0.6249
1321	oh btw i'm building a cyborg dragon	-0.1741	0
1322	@illbzo1 i know ... such an underserved market	-0.1741	0
1323	@gameofthrones don't make me use my space lasers ...	0.0643	0
1324	<a href="https://t.co/3zyzxojcc">https://t.co/3zyzxojcc</a> <a href="https://t.co/er71qz68rh">https://t.co/er71qz68rh</a>	0.0643	0
1325	@worldandscience almost ready to test the new boring company / spacex hyperpod prototype. exciting video guaranteed.	-0.0978	0.4779
1326	@grimezs yeah, most people don't know this, but comets r mostly made of cocaine	-0.0978	0.296
1327	@cloudstrife447 @grimezs 😊	-0.0978	0
1328	i have prehensile eyebrows	-0.0978	0
1329	@dianakfletcher that's how i use my eyebrows too	-0.0978	0
1330	@gfilche @tesla ok	0.0482	0.296
1331	falcon 9 fairing opens its parafoil after reentering the atmosphere <a href="https://t.co/wwz7mhmkam">https://t.co/wwz7mhmkam</a>	-0.0442	0
1332	@arstechnica @binarybits ❤️ ars technica ❤️	-0.0442	0
1333	@arstechnica spacex crew dragon ships to the cape in about 3 months	0.0374	0
1334	la la la <a href="https://t.co/rpqfmrcno2">https://t.co/rpqfmrcno2</a>	0.0374	0
1335	woke frisbee <a href="https://t.co/jsvzyqbz6o">https://t.co/jsvzyqbz6o</a>	0.0374	0
1336	you're most welcome <a href="https://t.co/5lohswhwhc">https://t.co/5lohswhwhc</a>	0.0374	0.4588

1337	@mkbhd @hyperchangetv the “dry” questions were not asked by investors, but rather by two sell-side analysts who were trying to justify their tesla short thesis. they are actually on the *opposite* side of investors. hyperchange represented actual investors, so i switched to them.	0.1697	0
1338	@mkbhd @hyperchangetv to be clear, i’m a big fan of mkbhd, but this is an important clarification	0.1697	0.6908
1339	@thephoenixflare @mkbhd @hyperchangetv yeah, news is actually super good. model s & x are producing major positive cash flow & model 3 is about to do same.	0.1697	0.9118
1340	@ataraxia_invest @mkbhd @hyperchangetv they were neither valid nor pertinent. i will explain why on a primary twitter thread.	0.1697	0
1341	please ignore this thread unless you’re interested in a tedious discussion about tesla stock	0.1697	0.3612
1342	first, it’s important to know that tesla is the most shorted (meaning most bet against) stock on the market & has been for a while <a href="https://t.co/srep1tf6zu">https://t.co/srep1tf6zu</a>	0.1697	0.2023
1343	@marekcyzio exactly	0.1697	0
1344	the 2 questioners i ignored on the q1 call are sell-side analysts who represent a short seller thesis, not investors	0.1697	0
1345	the reason the bernstein question about capex was boneheaded was that it had already been answered in the headline of the q1 newsletter he received beforehand, along with details in the body of the letter	0.1697	0
1346	reason rbc question about model 3 demand is absurd is that tesla has roughly half a million reservations, despite no advertising & no cars in showrooms. even after reaching 5k/week production, it would take 2 years just to satisfy existing demand even if new sales dropped to 0.	0.1697	-0.0516
1347	@joshgans we went through the same drama on s & x and almost all confirmed in the end. will likely be even better for model 3, as customer satisfaction score post delivery is higher. i worry zero about demand. just spent all night in the factory, not the showroom.	0.1697	-0.128
1348	@globalprotrader @wmiddelkoop true. and once they were on the call, i should have answered their questions live. it was foolish of me to ignore them.	0.1697	-0.2023
1349	oh and uh short burn of the century comin soon. flamethrowers should arrive just in time.	0.1697	0
1350	@fredericclambert it will be next level. these are really big numbers.	0.1697	0
1351	@investorslive yes, definitely not	0.1697	0.6597
1352	@tobyturner new roadster will have that	0.0193	0
1353	looks like sooner than expected. the sheer magnitude of short carnage will be unreal. if you’re short, i suggest tiptoeing quietly to the exit ... <a href="https://t.co/a0q90pslka">https://t.co/a0q90pslka</a>	0.0193	0.3612
1354	@ateslainiceland @tesla thanks for letting me know. will expedite. sorry for the delay.	0.0193	0.0772
1355	@filippie509 i try so hard to help them ...	0.0193	0.3182
1356	@muddywatersre this will be bigger	0.0193	0
1357	<a href="https://t.co/gunnljopbu">https://t.co/gunnljopbu</a> <a href="https://t.co/7tmzfk8v9g">https://t.co/7tmzfk8v9g</a>	0.0193	0
1358	i am super super serious	0.0193	0.8176
1359	it just occurred to me that the plot of willy wonka is really messed up	0.0193	-0.4005
1360	@comfortablysmug what do you think we’re living in?	0.0193	0
1361	ok ok, just for sake of argument, what do u wish for in candy? 🍬	0.0193	0.5574
1362	cryptocandy	0.0193	0
1363	@sarahksilverman hi sarah	0.0193	0
1364	@sarahksilverman lol	0.0193	0.4215
1365	i’m killin me lol	0.0193	0.4215
1366	warren buffett is huge in candy. it’s actually true. <a href="https://t.co/uqzixpgcm2">https://t.co/uqzixpgcm2</a>	0.0193	0.6249
1367	saying you like “moats” is just a nice way of saying you like oligopolies	0.0193	0.7783
1368	@silverblue16 (sigh) i do like ty, but she’s a friend. we are not dating.	0.0193	0.7003
1369	rococo basilisk	0.0193	0
1370	<a href="https://t.co/ogahawknku">https://t.co/ogahawknku</a>	0.0193	0
1371	<a href="https://t.co/wavnroztdn">https://t.co/wavnroztdn</a> <a href="https://t.co/z5w69rxtxu">https://t.co/z5w69rxtxu</a>	0.0193	0
1372	@ujzee @producthunt @shnbhg yes	-0.0774	0.4019
1373	@grimezs love powerglide too <a href="https://t.co/l07ybzdig">https://t.co/l07ybzdig</a>	0.0454	0.6369
1374	@marinpilates @wedragonslayers prob itunes, but whatever works 4u is fine. most people don’t buy music & artist earnings from streaming are tiny. mostly about touring. <a href="https://t.co/7eitqomrqc">https://t.co/7eitqomrqc</a>	0.0454	0.2023
1375	@nypost that’s a white rose on my jacket & the choker is a bunch of spikes, not tesla anything	0.0454	0
1376	@maxhandwerker @dan_rar @prosyndicate @nypost literally every word is untrue	0.0454	0
1377	night at the museum. g has mad skillzsz. me not so much. <a href="https://t.co/xfhgnvmhh">https://t.co/xfhgnvmhh</a>	0.0454	-0.4939
1378	@paracurve don’t want to blow your mind, but i’m pretty weird. it’s time the world knew.	0.0454	0.4215
1379	@daniellefong @paracurve hi danielle!	0.0454	0
1380	@catherineullo glass corset hand-painted in perspective in color of bone. every detail tells a story. spiked choker machined from a single piece of forged metal. crown of vantablack.	0.0454	0.4939

1381	@meriammagic @catherineullo stole it	0.0454	0
1382	@ablack82 definitely not a logo of any kind	0.0454	0.7269
1383	@freebasecatnip so rococo	-0.1611	0
1384	@alyankovic @grimezs my a capella cover of amish paradise is irresistible <a href="https://t.co/mbo6ajv42o">https://t.co/mbo6ajv42o</a>	-0.1611	0
1385	@teslanomicsco @wayfair @teslaclubsweden wow, thanks for the couch! i will match the donation from my foundation.	-0.1611	0.7717
1386	@mactechgenius @teslanomicsco @wayfair @teslaclubsweden i wrote that masterpiece myself in html 1.0	-0.1611	0
1387	@simona_moise @mactechgenius @teslanomicsco @wayfair @teslaclubsweden !! unnecessary characters. will change.	-0.1611	0
1388	@josh1c yeah, we will add that as a feature	-0.1611	0.296
1389	@josh1c all x & s will soon work with no key if your phone pairs w bluetooth, signal strength is high & you enable feature	-0.1611	0.4939
1390	@tammyharrington @josh1c this will work on entire s & x fleet, even first production units. cool thing about software upgrades is that we can keep making your car better long after you bought it.	-0.2557	0.6369
1391	@isayeter towards end of next year. btw, planning to launch tesla in turkey later this year. love your country & will be there in person for the launch.	-0.2557	0.6369
1392	first boring company tunnel under la almost done! pending final... <a href="https://t.co/owhlwogcje">https://t.co/owhlwogcje</a>	-0.2557	-0.3182
1393	@misstrade already started dc to ny route. hopefully start la to sf next year. that will be true @hyperloop w pressurized pods in near vacuum tunnels & faster than jetliner.	-0.2557	0.6808
1394	@nextspaceflight a cool thing about the design is that's easy to incorporate branch loops to serve small to mid size cities without slowing down the main loop at all	-0.2557	0.6369
1395	@anthonyfultz @dmc_ryan i love it too, but trying to keep config simple so as not to blow up the production ramp	-0.2557	0.6369
1396	@existentialcoms our giant auto co competitors have much greater access to incentives than tesla, which means tesla has prospered in spite of govt subsidies, not because of them. tesla mkt cap has *risen* over time as ev incentives declined. how strange ...	-0.2557	0.6486
1397	@dmc_ryan @anthonyfultz awd & white interior in july. air suspension prob later. note, that's when we *start* making them. can't instantly fill all orders. will take 6+ months to do so.	-0.2557	0
1398	launching in ~4 mins <a href="https://t.co/4vmvdeqax7">https://t.co/4vmvdeqax7</a>	-0.2557	0
1399	@archangel_cap @existentialcoms i have publicly asked people (like you) not to invest. go fund ford or whatever ...	-0.2557	0.3612
1400	@existentialcoms that article was pushed as propaganda to counter imf study showing fossil fuel subsidies to be \$5 trillion/year. even if \$4.9b was true, combined market cap of tesla & spacex is \$80b. where did the other \$75b come from? ass 🤦 ...	-0.3666	-0.4019
1401	@existentialcoms no use arguing with chimp. you're blocked.	-0.3666	0
1402	@existentialcoms fossil fuels subsidized at \$10 million a minute, 24 hours a day, 7 days a week <a href="https://t.co/zazooohjb4e">https://t.co/zazooohjb4e</a>	-0.3666	0
1403	@podcastteslas will make that a setting	-0.3666	0
1404	@everman yeah, i heard this so many times. in the future, it will seem bizarre that we used to crash rockets into the ocean instead of reusing them.	-0.3666	-0.4215
1405	@dylanneumann2 @everman exactly. gasoline cars will be like steam engines — quaint, but not something you'd actually use to get around. btw, i like steam engines & trains in general.	-0.3666	0.6124
1406	@ritajking rate at which things are getting more bizarre appears to be increasing	-0.3666	-0.3182
1407	good piece by ars <a href="https://t.co/7c3x0tjux9">https://t.co/7c3x0tjux9</a>	-0.3666	0.4404
1408	@everman spacex will prob build 30 to 40 rocket cores for ~300 missions over 5 years. then bfr takes over & falcon retires. goal of bfr is to enable anyone to move to moon, mars & eventually outer planets.	-0.3666	0
1409	@devrim_ogun @ritajking if someone is trying to control us through complicated sky patterns, they must really care. i would gladly obey their instructions, but i can't figure them out.	-0.3666	0.7316
1410	lovely story <a href="https://t.co/fisvsix3uu">https://t.co/fisvsix3uu</a>	-0.3666	0.5859
1411	@arstechnica fair criticism, but we're fixing it fast. hackathon going on right now to fix 2 worst robot production chokepoints. looks promising.	-0.3666	-0.4588
1412	@mayemusk happy mother's day mom! love you so much.	-0.3666	0.836
1413	@techmeme @timkhiggins this is false. eyetracking rejected for being ineffective, not for cost. wsj fails to mention that tesla is safest car on road, which would make article ridiculous. approx 4x better than avg.	-0.3666	-0.0516
1414	@talktesla @techmeme @timkhiggins according to nhtsa, there was an automotive fatality every 86m miles in 2017 (~40,000 deaths). tesla was every 320m miles. it's not possible to be zero, but probability of fatality is much lower in a tesla. we will be reporting updated safety numbers after each quarter.	-0.3666	-0.8555

1415	@sokane1 @talktesla @techmeme @timkhiggins yes	-0.3666	0.4019
1416	it's super messed up that a tesla crash resulting in a broken ankle is front page news and the ~40,000 people who died in us auto accidents alone in past year get almost no coverage <a href="https://t.co/6gd8mzd6vu">https://t.co/6gd8mzd6vu</a>	-0.3666	-0.8807
1417	what's actually amazing about this accident is that a model s hit a fire truck at 60mph and the driver only broke an ankle. an impact at that speed usually results in severe injury or death.	-0.3666	-0.9153
1418	@kasabii it certainly needs to be better & we work to improve it every day, but perfect is enemy of good. a system that, on balance, saves lives & reduces injuries should be released.	-0.1251	0.8834
1419	@andrewbg time will tell, but so far it appears so	-0.1251	0
1420	@manuel_castillo yes	-0.0393	0.4019
1421	listening to realiti	-0.1380	0
1422	lol <a href="https://t.co/jtv7jhlwyp">https://t.co/jtv7jhlwyp</a>	-0.1380	0.4215
1423	excited for @boringcompany partnership with la metro <a href="https://t.co/hpqxc3yjq6">https://t.co/hpqxc3yjq6</a>	-0.2972	0.34
1424	skip forward to see the most boring presentation ever <a href="https://t.co/dd730jbggq">https://t.co/dd730jbggq</a>	-0.2972	-0.3182
1425		-0.2972	0
1426	@ppathole just ... an ordinary snail	-0.2972	0
1427	he taunts us with his speed	-0.2972	0
1428	@gothkazu check out <a href="https://t.co/bwrt49d34v">https://t.co/bwrt49d34v</a> . build-your-own life size egyptian pantheon merch coming soon.	-0.2972	0
1429	@dmc_ryan ac induction front & switched reluctance, partial permanent magnet rear. silicon carbide inverters in both. performance drive units are lot sorted for highest sigma output & get double the burn-in.	-0.0260	0
1430	@dmc_ryan also, carbon fiber spoiler, 20" performance wheels, black & white interior.	-0.0260	0
1431	@scottwww @kymmpuckeridge @elementc9 @griff_golf that is the way to go. thanks for buying our cars!	-0.0260	0.4404
1432	@addankisarat you can tweet to tesla, me and/or get something upvoted in message boards	-0.0260	0
1433	@clemyeung exactly	-0.0260	0
1434	@plot_qasc it's only slightly more expensive to tesla (same price to car owners), but owner happiness is way higher, so worth doing	-0.0260	0.6705
1435	tesla dual motor, all-wheel drive performance model 3: 3.5 sec 0-60mph 155 mph top speed 310 mile range	-0.0260	0.2023
1436	cost of all options, wheels, paint, etc is included (apart from autopilot). cost is \$78k. about same as bmw m3, but 15% quicker & with better handling. will beat anything in its class on the track.	-0.0260	0.4404
1437	tesla awd is dual motor, so you can fully drive the car even if one breaks	-0.0260	0
1438	@mactechgenius that is true. electric motors are far more reliable than combustion engines. you need an electric motor just to start a gas engine!	-0.0260	0.4215
1439	@zacharyj98 good idea ...	-0.0260	0.4404
1440	@josh_soto three or four months, depending on demand level. we have enough for about 1000/week right now.	-0.0260	-0.128
1441	@antvenom @zacharyj98 depends on when you placed your initial reservation. we start delivering the dual motor model 3 in july.	-0.0260	0
1442	@jimmyrussellexe it does so constantly, but so smoothly that you can't tell	-0.0260	0
1443	@josh_soto they are correct. it's awesome. second best driving feel of any car in the world imo, apart from model s. traction control precision is super tight.	-0.0260	0.9217
1444	@paulmacguyscott upgrade to the latest s. nothing will give you greater joy. it's like being able to have dopamine jacked straight into your brain at will.	-0.0260	-0.1979
1445	@aksingh_s yes	-0.0260	0.4019
1446	@marshall5912 @buckycovington @mactechgenius about 2% of tesla, incl salaried & hourly, union & non-union were let go in annual review. only known union person fired was a guy who repeatedly threatened non-union supporters verbally & on social media & lied about it.	-0.0260	-0.1779
1447	@marshall5912 @buckycovington @mactechgenius yeah, "reveal" was carefully constructed propaganda with a name that wd make orwell proud. workplace injury rate of our factory when it was uaw w toyota/gm was twice as high as today's non-union.	-0.0260	0.6908
1448	@willardslammo @marshall5912 @buckycovington @mactechgenius that means nothing. literally your mom could file for nlrb.	-0.0260	0
1449	@ivanovi_ivaylo with production, 1st you need achieve target rate & then smooth out flow to achieve target cost. shipping min cost model 3 right away wd cause tesla to lose money & die. need 3 to 6 months after 5k/wk to ship \$35k tesla & live.	-0.0260	-0.4404
1450	@clprenz @ivanovi_ivaylo exactly! will probably unveil next gen supercharger late summer. major improvements all round.	-0.0260	0.3182
1451	@georgechang @tesla for sure before snowfall this year	-0.0260	0.3182

1452	spacex crew dragon ship in anechoic chamber for emi testing before being sent to @nasa plum brook vacuum chamber <a href="https://t.co/bckubkrolw">https://t.co/bckubkrolw</a>	-0.0260	0
1453	@dmatkins137 @shaynerarma @nasa tesla factory literally has miles of painted yellow lines & tape. report about forklifts not beeping is also bs. these are both demonstrably false, but were reported as "facts" by reveal.	-0.0260	0
1454	@dmatkins137 @shaynerarma @nasa also, uaw did nada for job security in last recession. dropped fremont like a hot potato to protect their core base in detroit. uaw *chose* to exit this plant before tesla even arrived. we had nothing to do with uaw leaving, but everything to do with why people here have jobs.	-0.0260	0.5719
1455	@dani21 @dmatkins137 @shaynerarma @nasa ❤️ 🐶	-0.0260	0
1456	@mrsyomaddy @dmatkins137 @shaynerarma @nasa gwynne's awesome. been spacex prez for 10 years. super love working with her.	-0.0260	0.9217
1457	@reveal @dmatkins137 @shaynerarma @nasa @al_letson cool, we can do the interview at tesla in front of the yellow barriers & beeping forklifts you said didn't exist. please send your meeting request to wakassliar@tesla.com.	-0.4148	0.5574
1458	@electrekco @fredericlambert very strange. model 3 is designed to have super good stopping distance & others reviewers have confirmed this. if there is vehicle variability, we will figure it out & address. may just be a question of firmware tuning, in which case can be solved by an ota software update.	-0.4148	0.7579
1459	@electrekco @fredericlambert even if a physical upgrade is needed to existing fleet, we will make sure all model 3's having amazing braking ability at no expense to customers	-0.4148	0.8126
1460	@lanceulanoff the cr braking result is inconsistent with other reviewers, but might indicate that some model 3's have longer braking distances than others. if so, we will address this at our expense. first time we've seen anything like this.	-0.4148	0.3612
1461	@teslaology @electrekco @fredericlambert good point. yeah, we will do that for the bigger locations.	-0.4148	0.6249
1462	@dmc_ryan @loganthefirst also, not promising anything, but we *might* be able to increase model 3 performance power output a little	-0.4148	0.6124
1463	@camgfrost @dmc_ryan @loganthefirst stop, you're making me blush 😅	-0.4148	-0.296
1464	@electrekco @fredericlambert looks like this can be fixed with a firmware update. will be rolling that out in a few days. with further refinement, we can improve braking distance beyond initial specs. tesla won't stop until model 3 has better braking than any remotely comparable car.	-0.4148	0.7269
1465	@electrekco @fredericlambert also, consumer reports has an early production car. model 3 now has improved ride comfort, lower wind noise & many other small improvements. will request that they test current production.	-0.4148	0.6908
1466	@rrosenbl @electrekco @fredericlambert abs calibration algorithm	-0.4148	0
1467	@samuelrogg @electrekco @fredericlambert to be clear, all model 3 cars, incl early production will have same great braking ability. nature of any product, however, is that if you care about perfection, you make constant small refinements. today's model s is far more refined than initial production.	-0.4148	0.9042
1468	@dmc_ryan @loganthefirst thanks ryan. critical feedback after you get the car would be much appreciated, no matter how nuanced.	-0.4148	0.6124
1469	@rrosenbl @electrekco @fredericlambert @tesla have been meaning to get around to talking to him. some of his criticisms are valid, but, on the higher body/chassis weight front, he wasn't fully appreciating that we were going for much higher crash safety levels than other cars.	-0.4148	0.0258
1470	just wanted to say thanks to all tesla supporters. i damn well love you.	-0.4148	0.8555
1471	@dinisguarda i definitely don't do this 5 minute thing. need to have long uninterrupted times to think. can't be creative otherwise.	-0.4148	0.6808
1472	@sarahknuckey @jeffbezos @oprah @kobebryant @richardbranson @shanesmith30 i didn't meet with him	-0.4148	0
1473	@dmc_ryan @loganthefirst thanks again, have conveyed your words to the tesla team, who have been working crazy hard. really energizing!	-0.4148	0.0258
1474	@sarahknuckey @jeffbezos @oprah @kobebryant @richardbranson @shanesmith30 they are incorrect. we never met, nor have we ever been scheduled to meet.	-0.4148	0
1475	@sarahknuckey @jeffbezos @oprah @kobebryant @richardbranson @shanesmith30 no problem	-0.4148	-0.4019
1476	@mikeyfranklin @dmatkins137 @shaynerarma @nasa more "reveal" bs. tesla is overseen by cal/osha, most stringent labor safety org in us, & they've never found us to misrepresent. on other hand, ford, chrysler & gm (uaw) have repeatedly been found to fake safety numbers. strangely, that info is missing from reveal article ...	-0.4148	-0.3244
1477	@ericbrownzzz @dmatkins137 @shaynerarma @nasa no, uaw does that. they want divisiveness & enforcement of 2 class "lords & commoners" system. that sucks. us fought war of independence to get *rid* of a 2 class system! managers & workers shd be equal w easy movement either way. managing sucks btw. hate doing it so much.	-0.4148	-0.8934
1478	@oldmanlink good point	-0.4148	0.4404

1479	we're going to include some fun games as hidden easter eggs in tesla s, x & 3. what do you think would be most fun in a car using the center touch screen?	-0.4148	0.765
1480	@speea @altervigo @juliacarriew in theory true, but not how uaw behaved. they drove gm & chrysler to bankruptcy & lost 200,000+ jobs for people they were supposed to protect, incl abandoning nummi plant workers.tesla took over & now it has 10k+ jobs.uaw destroyed once great us auto industry & everyone knows it.	-0.4148	0.6124
1481	@ericbrownzzz @dmatkins137 @shaynerarma @nasa but ya know what, let's test that theory. maybe we do want uaw back, even tho uaw betrayed us 8 years ago & left us here to rot. maybe we want uaw back even tho injury rate today is 1/2 what it was with them & wages were lower. maybe. let's hold a vote & find out.	-0.4148	-0.5267
1482	@matthunter just order your car with the james bond option package. it's an off-menu item for those in the know 😊	-0.4148	0
1483	@deusex love original deus ex! that would be awesome.	-0.0717	0.891
1484	@annerajb @ericbrownzzz @dmatkins137 @shaynerarma @nasa will do it later this year. too much on plate right now. will be available as an upgrade from service.	-0.0717	0
1485	@austinonsocial great idea!	-0.0717	0.6249
1486	@aceinmysleeve1 @ericbrownzzz @dmatkins137 @shaynerarma @nasa troll dead giveaways: not using real names, obv fake pics & backgrounds, low follower/follow ratio, account recently created, repeating same phrases, etc (sigh)	-0.0717	-0.8126
1487	@cateluvslondon @aceinmysleeve1 @ericbrownzzz @dmatkins137 @shaynerarma @nasa none of those criteria are certain by themselves, but when taken together & messages have an obv agenda, it almost always indicates use of a network of self-validating troll accounts	-0.0717	-0.2057
1488	@kulability @deusex busted 🤦	-0.0717	0
1489	@bevvscott thanks. not super fun right now 🥺	-0.0717	0.8779
1490	@mashable was sad to see g getting tons of undeserved flak because of me, so i'm glad there's some good too ❤️🎸🎤. her music is incredible.	-0.0717	0.4215
1491	@zainraz4 @mashable the one about to come out called so heavy i fell through the earth	-0.0717	0
1492	@johnbirmingham @mashable i am not cool	-0.0717	0.3182
1493	@girlovesbread @zainraz4 @mashable this will sound super obvious, but genesis & oblivion	-0.0717	0.5994
1494	@andyjayhawk thought you'd say that. anytime anyone criticizes the media, the media shrieks "you're just like trump!" why do you think he got elected in the first place? because no ones believes you any more. you lost your credibility a long time ago.	-0.0717	0.0516
1495	@teddymonacelli the media has earned this mistrust. but maybe there is a solution.	-0.0717	0.3182
1496	problem is journos are under constant pressure to get max clicks & earn advertising dollars or get fired. tricky situation, as tesla doesn't advertise, but fossil fuel companies & gas/diesel car companies are among world's biggest advertisers.	-0.0717	-0.8442
1497	@codybrown uh, this is twitter. how many characters do you want?	-0.0717	0.0772
1498	@dancow @wsj an exception that proves the rule	-0.0717	0
1499	going to create a site where the public can rate the core truth of any article & track the credibility score over time of each journalist, editor & publication. thinking of calling it pravda ...	-0.0717	0.5267
1500	@sakiwebo exactly	-0.0717	0
1501	@virtualanom not only needs to be botproof, but seek & unmask anyone operating a disinformation bot army	-0.0717	0
1502	@antvenom maybe some good people from those orgs who would join	-0.0717	0.6249
1503	@detroitvictoria enough of the public does care about the truth. i have faith in the people.	-0.0717	0.8074
1504	even if some of the public doesn't care about the credibility score, the journalists, editors & publications will. it is how they define themselves.	-0.0717	0.4939
1505	@sophiewarnes we don't. the media is reporting someone else saying that tesla advertised. it is untrue.	-0.0717	0
1506	@scotch_io that's why editors are included too	-0.0717	0
1507	create a media credibility rating site (that also flags propaganda botnets)	-0.0717	0.0258
1508	@ishashankbhatia will do	-0.0717	0
1509	@jessicahuseman @reveal no, they're just some rich kids in berkeley who took their political science prof too seriously	-0.0717	0.4404
1510	@scottwww @jessicahuseman it is strange that big auto companies literally have thousands more factory injuries than tesla & millions more auto deaths, but somehow get less coverage. we are not perfect, but we're doing our best to make clean energy real & be a good company.	-0.0717	0.9225
1511	@meharris of course	-0.0717	0
1512	@parkermolloy i've never stopped a union vote nor removed a union. uaw abandoned this factory. tesla arrived & gave people back their jobs. they haven't forgotten uaw betrayed them. that's why uaw can't even get people to attend a free bbq, let alone enough sigs for a vote.	-0.0717	0.4526
1513	@meharris 🤦	-0.0717	0

1514	if you're in media & don't want pravda to exist, write an article telling your readers to vote against it ...	-0.0717	0.0772
1515	@politifact yeah, i think you do great work	-0.1185	0.743
1516	@southtopia thank you! i thought it was so obvious ...	-0.1185	0.3612
1517	@adnroy um, you just tweeted about this, so obv you do	-0.1185	0
1518	@politifact i just tried to donate, but you don't accept paypal. lmk when you do.	-0.1185	0.3818
1519	for some reason, this is the best i've felt in a while. hope you're feeling good too 🎉 ❤️ 🌎	-0.1185	0.8885
1520	@benschwartz that's the basic idea	-0.1185	0
1521	@cryptoalesio yo	-0.1185	0
1522	@mrnobre there no good car emojis. i mean seriously, what the heck are these 🚗 🚙 and this is the best one 🚖	-0.1185	0.7506
1523	@truthforceesteem @kali0x2a definitely	-0.1185	0.4019
1524	maybe the media credibility rating site should be called "you're right!" i do actually own <a href="https://t.co/1jqqcf9ina">https://t.co/1jqqcf9ina</a> , but for the moment i just have it automatically forward to facebook news.	-0.1185	0
1525	@karaswisher hi kara! i'm open to it. right now, i'm cranking super hard at the tesla factory, so it depends on how things are going next week.	-0.1185	0.5423
1526	@mainhoonmaun the media	-0.1185	0
1527	@teslanomicsco march 15	-0.1185	0
1528	@karaswisher @jason what car do you drive?	-0.1185	0
1529	@eugenelee3 @karaswisher @jason gasoline or diesel?	-0.1185	0
1530	@dmc_ryan @teslanomicsco i just made that up, because the ides of march sounded good	-0.1185	0.4404
1531	@dmc_ryan @teslanomicsco but consider it real. we could unveil model y anytime from late this year to mid next year, so march 15 is about right.	-0.1185	0
1532	@dmc_ryan @teslanomicsco @tesla maybe after you get your model 3, we can talk about what you like & what needs to be improved	-0.1185	0.6808
1533	@dancow @tedhu @chadgowens @scottwww @jessicahuseman that was obvious from a mile away. i tried to use their product & it didn't work. not exactly a genius move by wsj, but they were brave enough to say it.	-0.1185	0.5267
1534	@dancow @tedhu @chadgowens @scottwww @jessicahuseman i did to any who asked	-0.1185	0
1535	@lexiheft @dancow @tedhu @chadgowens @scottwww @jessicahuseman why are certain journalists (editors especially) so concerned about the public rating their credibility? all they do all day is rate others, ostensibly on behalf of the same public for which they have contempt.	-0.1185	0.2732
1536	@passionplanet1 @supernovaslight @lexiheft @dancow @tedhu @chadgowens @scottwww @jessicahuseman exactly. the point of such a site would be to help restore the credibility of the media. they don't realize how little credibility they actually have with the public.	-0.1185	0.4019
1537	come on media, you can do it! get more people to vote for you. you are literally the media.	-0.1185	0
1538	@donny0m reddit is great	-0.1185	0.6249
1539	@upulie ahem, you have "nano" in your bio. that is 100% synonymous with bs.	-0.1185	0
1540	my point exactly <a href="https://t.co/pq7pfqec3x">https://t.co/pq7pfqec3x</a>	-0.1185	0
1541	amazingly, the "media is awesome" vote is declining, despite hundreds of articles attacking this very poll 🤦	-0.1185	0.7819
1542	@dx_1 be careful what you wish for <a href="https://t.co/3msj15ueiw">https://t.co/3msj15ueiw</a>	-0.1185	0.5106
1543	@politifact @paypal @poynter done	-0.1185	0
1544	@weinbergersa wow, you're ignorant. don't remember you, but disclosing classified us missile technology to hostile nations would violate itar law & land you in jail. i didn't review it, but my team did. obviously nobody cared about what your article said. please.	-0.0739	0.7269
1545	@amywestervelt @weinbergersa yes, because tesla has the most advanced battery manufacturing technology in the world & products that haven't been unveiled yet. you don't have a right to show that to our competitors or spoil future product launches.	-0.0739	0.5719
1546	@obviousparadox @medickinson @thephysicsgirl no	-0.0739	0
1547	@davistravis9830 @amywestervelt @billsocalif @rmac18 @weinbergersa definitely did not. i've been through many press cycles & know full well same person praising me today will trash me tomorrow. journo hound me constantly for interviews, but i do almost none these days. ❤️ twitter as it allows me to bypass journo bs.	-0.0739	0.5859
1548	tried to buy <a href="https://t.co/s5kmnfnih8">https://t.co/s5kmnfnih8</a> , but russia said no. turns out they already use it.	-0.0739	0
1549	@designcollector for some reason, russia didn't bother to correct me ...	-0.0739	-0.34
1550	@broderick something needs to be done to reward consistent, high quality journalism. some in media are absurdly indignant before even seeing the product. odd ...	-0.0739	-0.3182
1551	turns out <a href="https://t.co/s5kmnfnih8">https://t.co/s5kmnfnih8</a> is actually owned by ukraine. for some reason, russia didn't bother to correct me ...	-0.0739	-0.34
1552	@kot_kotushkin i know, i know. russia seriously didn't correct me on this!	-0.0739	-0.1779
1553	problem solved, was able to buy <a href="https://t.co/ivsuwpqsdt">https://t.co/ivsuwpqsdt</a> ! game on ...	-0.0739	-0.1531

1554	@evepeyser @broderick this is going to help journalism, not harm it. please be so kind as to hold your fire until you actually see it.	-0.0739	0.3612
1555	@evepeyser @broderick of course! (prav)duh. it is named after the most pernicious propaganda machine in history specifically to highlight what we want to avoid. it's called "satire" ...	-0.0739	-0.128
1556	@nilgirian worth a shot	-0.0739	0.2263
1557	@chick_in_kiev @evepeyser @broderick pravda was incorporated a year ago. also, tesla factory safety has improved every year & is now better than industry avg. misleading articles refer to tesla being worse than avg in 2015 when we were just figuring things out.	-0.0739	0.4588
1558	@utkuspace superchargers will ultimately cover the entire region	0.0273	0
1559	@arieleax @utkuspace 2020	0.0273	0
1560	@teslaturk thanks 😊	0.0273	0.4404
1561	@joshuatopolsky @oneunderscore__ @parkermolloj @2sunsky @ashleyfeinberg seems to be glitch where tweet to which i replied isn't showing up, removing context. a journo said polls are meaningless because controlled by "powerful people" & my response was that powerful people also own media. thus, if you discount polls, you should also discount media. <a href="https://t.co/c01jolzeny">https://t.co/c01jolzeny</a>	0.0273	0.6808
1562	@chitownmadison @johnnasabri @joshuatopolsky @oneunderscore__ @parkermolloj @2sunsky @ashleyfeinberg yes	0.0273	0.4019
1563	@starvenge @chitownmadison @johnnasabri @joshuatopolsky @oneunderscore__ @parkermolloj @2sunsky @ashleyfeinberg had a great time with my kids	0.0273	0.6249
1564	@nealcol good school	0.0273	0.4404
1565	@johnnasabri @affinpub @thesmelloftea you're welcome. appreciate the letter.	0.0273	0.6908
1566	@liketeslakim i've literally had dreams about cup holder designs	0.0273	0.4019
1567	@davidtaylor5 @annerajb @liketeslakim i really want to make this cupholder	0.0273	0.1513
1568	@g_whitehead5 @dmc_ryan @model3owners @tesla yes, awd p first and then awd. production costs are always high when line first gets going, so we have to sell higher price versions first or each car will have very negative margins. as production efficiency rises, we can make lower cost versions & not lose money.	0.0273	-0.5267
1569	@ppathole @sra_mister yes	0.0273	0.4019
1570	@johnnasabri @sra_mister which part? love their cuisine. and the views are amazing.	0.0273	0.8402
1571	@amasad @sra_mister second best answer to the fermi paradox after the simulation argument	0.0273	0.3182
1572	@amasad @sra_mister yeah	0.0273	0.296
1573	@rhinopiasty spacex has area 58 at cape canaveral. that's 7 better than 51.	0.0273	0.4404
1574	@amasad @its_a_massacre @fung9815 @israrayyaz @sra_mister @waitbutwhy exactly	0.0273	0
1575	@amasad @its_a_massacre @fung9815 @israrayyaz @sra_mister @waitbutwhy great book. read it when it came out.	0.0273	0.6249
1576	@noahshachtman @thedailybeast @erinpibba you've done something incredibly dishonest by supporting a journo who falsely stated that i'm against science, then cherrypicked tweets that don't represent the vast majority of my followers to make false claims against them too	0.0273	0.4927
1577	@neilhimself @anozieudemezue @upulie @davidkfried gaiman, did you actually read my tweets? i didn't set anyone on anyone. a bbc science reporter tweeted that i was anti-science & i said that was false. are you saying i don't have the right to deny false accusations? that's messed up.	0.0273	-0.5719
1578	@noahshachtman @thedailybeast @erinpibba hello, have you met the internet? everyone gets harassed regardless of gender, especially if they say false things. saying i'm against science is like saying beyoncé doesn't know beats. blowback from latter (all genders) would make my comment stream seem like socratic dialogue.	0.0273	0.6124
1579	@hahtse @neilhimself @anozieudemezue @upulie @davidkfried "nano" is a unit of measure, not a field imo. would've been sexist *not* to express an opinion simply because someone is a woman.	0.0273	0
1580	@noahshachtman @thedailybeast @erinpibba this journalist has been attacking me for months incl using genitalia language that she now says is sexist. what a hypocrite! <a href="https://t.co/axpsmlnh48">https://t.co/axpsmlnh48</a>	0.0273	-0.4588
1581	@kevinnmgill you're saying a bbc reporter who attacked me for months w unprofessional language & ad hominem attacks, then deleted those tweets to hide them, is a "good person"?	0.0273	-0.5719
1582	at risk of stating the extremely obvious, i am against threats of violence & abusive epithets in any forum. please do not use them in my name or at all.	0.0273	-0.4364
1583	@andreasjames ❤️	0.0273	0
1584	@claytongoobert love the space cowboy esthetic	0.0273	0.6369
1585	@eli_schiff peace 🙏	0.0273	0.5423
1586	@yoyovinzi would love to be in india. some challenging government regulations, unfortunately. deepak ahuja, our cfo, is from india. tesla will be there as soon as he believes we should.	0.1036	0.5267
1587	@indianinterest actually, hyperloop draws a near vacuum in tube & each pod is powered w electric motors. it is opposite of pneumatically powered.	0.1036	0
1588	like you guys too 🚅 ❤️ <a href="https://t.co/pqvyr1nxy">https://t.co/pqvyr1nxy</a>	0.1036	0.3612
1589	@v_g_fischer @consumerreports yeah, absolutely	0.1036	0.296
1590	@prakash_d @grillick @indianinterest "pneumatic" means propelled by air. opposite of hyperloop.	0.1036	0

1591	all items below will go to all model 3s within next few months with v8.2 software. to report a bug or ask for a feature, press voice button, say "bug report" followed by issue description. <a href="https://t.co/ea7fton2ce">https://t.co/ea7fton2ce</a>	0.1036	0
1592	@henry_pivac yes	0.1036	0.4019
1593	@annerajb @henry_pivac prob 8.3	0.1036	0
1594	@electrekco @fredericlambert ride comfort & aero/road noise already better than cr car, which was early production. wish we could make the car perfect from day 1, but there's always room for improvement. highly recommend dropping tire pressure 10% below max to ~39 psi for comfort. only affects range by ~2%.	0.1036	0.9509
1595	@jeffnesbit @tesla tesla will always refute articles that are misleading & point out if there is someone with a pattern of doing so. many fit this description, but consumer reports is always fair & accurate in their criticism.	-0.1651	-0.2023
1596	@jeffreywolder @jeffnesbit @tesla you're most welcome. more to come in this regard.	-0.1651	0.4588
1597	@johnny0129 @jeffnesbit @tesla true, no one is perfect	-0.1651	0.7579
1598	@edwardpumps just for perspective <a href="https://t.co/zfmr1aoiny">https://t.co/zfmr1aoiny</a>	-0.1651	0
1599	hell of a week <a href="https://t.co/jksfykkg55">https://t.co/jksfykkg55</a>	-0.1651	-0.6808
1600	@unicorn @mactechgenius @v_g_fischer @consumerreports try adjusting tire pressure. will ask tesla engineering to investigate.	-0.1651	-0.296
1601	@malala hi @malala! ❤️ 🙏 🙏	-0.1651	0
1602	#pravduh <a href="https://t.co/zlmp13woxw">https://t.co/zlmp13woxw</a>	-0.1651	0
1603	finders keepers 💯 💯 💯 <a href="https://t.co/zqv71zrifq">https://t.co/zqv71zrifq</a>	-0.1651	0
1604	best analysis of model 3 to date (german) <a href="https://t.co/kcd3qwodir">https://t.co/kcd3qwodir</a>	-0.1651	0.6369
1605	@fredericlambert definitely	-0.1651	0.4019
1606	@drtie1 @poxari natürlich	-0.1651	0
1607	@gyano @drtie1 @poxari ich habe an der universität ein semester deutsch studiert. ich wünschte ich könnte es besser sprechen!	-0.1651	0
1608	@candybarlamuse berliner wurst hat am meisten curry 🥔	-0.1651	0
1609	@jimcramer @briansozzi do it	0.0413	0
1610	cool, tesla s/x have hospital operating room air quality when bwd mode is activated, so shd protect against even a weaponized virus <a href="https://t.co/gielcexn1c">https://t.co/gielcexn1c</a>	0.0413	0.5994
1611	@seanmmvi @oloftenghoff @tesla model s & x also have an acid gas filter, an alkaline gas filter & a carbon monoxide detector that autoswitches car to recirc mode. we should prob tell people about this more. filters are giant, so too big to fit in model 3.	0.0413	0.3612
1612	filters bacteria, viruses, spores, pollen & particulate of almost any kind <a href="https://t.co/dlqhjfkdp">https://t.co/dlqhjfkdp</a>	0.0413	0.4779
1613	@arkved78 model 3 should be second best in world after model s/x. still super good, but we went a little 💯 on s/x.	0.0413	0.9001
1614	@nashlib that sounds like a fun adventure!	0.0413	0.7003
1615	@nickg_uk mid 2019 for rhd	0.0413	0
1616	some details on the tesla air filtration system <a href="https://t.co/krpwg7tgsu">https://t.co/krpwg7tgsu</a>	-0.0476	0
1617	glad you're ok! <a href="https://t.co/zuuuycuikus">https://t.co/zuuuycuikus</a>	-0.0476	0.6369
1618	@stcom the results speak for themselves. singapore is a very prosperous city and yet has very few electric cars.	-0.0476	0
1619	@stcom why have policies that promote a combustion vehicle fleet in a dense city environment? in bumper to bumper traffic, each car's exhaust pipes releases poison gases right into the air intake of car behind. this is not healthy.	-0.0476	0.128
1620	@stcom but don't worry, cars have been tested for emissions levels & everything's just fine <a href="https://t.co/cg4ooqsrx3">https://t.co/cg4ooqsrx3</a>	-0.0476	-0.2732
1621	@kumjm @stcom singapore has enough land area to generate most of its electricity from the sun. solar energy is more than most people realize. 250mw per sq km at current commercial efficiency solar panels. no more need to import fossil fuels for electricity, which is a strategic vulnerability.	-0.0476	0.5574
1622	@nathanwickland @stcom actually true!	-0.0476	0.4215
1623	@tycoonmindset05 i was an alien 🖮 🖮 ❤️ 🖮	-0.0476	0
1624	@spiritosov @kumjm @stcom exactly!	-0.0476	0
1625	@racusinjennifer @tycoonmindset05 the future	-0.0476	0
1626	mason jars with a handle or wine stem cause me to lose faith in humanity	-0.0476	0.0258
1627	@alexguichet indeed, the esthetics of cutlery are a source of great stress	-0.0476	0.3182
1628	@jasminrohman that is horrifying	-0.0476	0
1629	@jkunkel2 no ... no ...	-0.0476	0
1630	@heron_ziegel @jasminrohman twitter is so dark ...	-0.0476	0
1631	@rreardont @tesla next year	-0.0476	0
1632	@model3owners model 3 performance order page progressively rolling out to reservation holders over the next week or so. it's a really great car. not saying that lightly. test drive is a mindwarp. aiming to have these as our first test drive model 3 cars in stores within 4 to 6 week's.	-0.0476	0.659

1633	@heretic_soul @model3owners leasing negatively effects tesla cash flow, so we prob won't offer model 3 leases for 6 to 9 months. loan financing is a better deal anyway, as bank conservatism for new car models is v conservative about residual value, but teslas have always had strong residual value.	-0.0476	0.875
1634	@mactechgenius @model3owners definitely	-0.0476	0.4019
1635	@jamie_sullivan4 @model3owners you should get an invite to configure in next few days	-0.0476	0.1531
1636	@cassianelwes appreciated on behalf of tesla team	-0.0476	0.5106
1637	@squarepeg44 @cassianelwes we have about 11,000 projects underway in puerto rico	-0.0476	0
1638	@sonic_hedgehog good morning, sonic. not sure how to break it to you, but ... <a href="https://t.co/rppochbmkj">https://t.co/rppochbmkj</a>	-0.0476	0.6369
1639	am def not under any illusion that this will end illiteracy, but i hope it helps at least a little <a href="https://t.co/06ia9xy6bl">https://t.co/06ia9xy6bl</a>	-0.0476	0.6705
1640	@ang3lwtf yup, we are extending the net area by a factor of 4	-0.2592	0
1641	@wsj congratulations @murraymatt. good move by @wsj. please use matt's twitter pic. essence of a good editor	-0.2592	0.9001
1642	@shwetp we are ramping production as fast as possible. wait should be closer to 6 months though, not 2 years.	0.3379	0
1643	@lexiheft @tesla coming soon	0.3379	0
1644	tip of the day ... <a href="https://t.co/mjbylsex45">https://t.co/mjbylsex45</a>	-0.1060	0
1645	@dprzygoda oh please, that's obv overkill	-0.1060	0.3182
1646	@elliottgotkine no way 6 mins is enough for abs. i mean, come on, 7 mins is obv right.	-0.1060	0
1647	@jovanik21 @tesla working on improving	-0.1341	0.4215
1648	@dmc_ryan no plans for aluminum pedals. adds too much production complexity. model 3 will def have summon, which will get way more advanced for s & x w hw2 autopilot & all model 3 cars.	-0.1341	0.25
1649	running track in @spacex bf spaceship will look something like this <a href="https://t.co/563uptfv58">https://t.co/563uptfv58</a>	-0.1341	0.3612
1650	@mkbhd definitely. will also have augmented mode that will massively enhance human driving ability. like a flying metal suit, but in car form ...	-0.1341	0.7579
1651	and we're definitely going to have a pod bay door override button. lesson learned.	-0.1341	0.4019
1652	@nate_072 @spacex yeah, actually closer to skylab, but with 50% larger inner diameter	-0.1341	0.296
1653	@pmnordkvist gigafactory should be on 100% renewable energy (primarily solar with some wind) by next year. rollout of solar already begun.	-0.1341	0.2732
1654	@dmc_ryan talked with tesla team. looks like we can do the aluminum model 3 pedal covers (slightly different from s). turning on production for model 3 performance version.	-0.1341	0.3612
1655	first 1000 boring company flamethrowers being picked up today! <a href="https://t.co/hbmp5fgzab">https://t.co/hbmp5fgzab</a>	0.1035	-0.3182
1656	nothing makes your baby more zen than a few gentle puffs of a tbc flamethrower <a href="https://t.co/hewjf66hh2">https://t.co/hewjf66hh2</a>	0.1035	0
1657	@mikesidneyphoto i think so :)	0.1035	0
1658	@teslamarcus1 coming soon	0.1035	0
1659	flamethrower obv best way to light your fireplace/bbq. no more need to use a dainty "match" to ignite! if no wood, just drop your flamethrower in fire place! it will generate way more warmth than a quaint pile of logs.	0.1035	0.1779
1660	@spphotonic each flamethrower comes with a state-of-the-art the boring company brand fire extinguisher. will offer a tbc ice blaster before the dry season starts in winter.	0.1035	-0.5719
1661	@darth_schmoo yes	0.1035	0.4019
1662	almost forgot! due to recent regulatory/customs rules enacted to inhibit transport of anything called a flamethrower, we have renamed our product: "not a flamethrower".	0.1035	-0.3818
1663	terms & conditions for "not-a-flamethrower"  please use as directed to avoid unintentionally burning things down. for simple & concise instructions, we drew upon wisdom in great dr seuss book "green eggs and ham".  #throwflamesresponsibly <a href="https://t.co/kgj8w8eojl">https://t.co/kgj8w8eojl</a>	0.1035	0.8225
1664	spacex option package for new tesla roadster will include ~10 small rocket thrusters arranged seamlessly around car. these rocket engines dramatically improve acceleration, top speed, braking & cornering. maybe they will even allow a tesla to fly ...	0.1035	0.6808
1665	19 years ago, when my 1st company got bought, i had to decide between buying a house in palo alto or a mclaren f1 (best car ever imo). was no contest. i bought f1 & a small condo that was much cheaper than the car. new tesla roadster will exceed all gas sports cars in every way...	0.1035	0.6369
1666	@djenkins6 using the config you describe, plus an electric pump to replenish air in copv, when car power draw drops below max pack power output, makes sense. but we are going to go a lot further.	0.1035	0

1667	@frankippolito @boringcompany we don't think our product will be the cause of any wildfires, but the boring company is donating \$10k.	0.1035	-0.3182
1668	more background: i arrived in north america at 17 w \$2000, a backpack & a suitcase full of books. paid my own way thru college. dropped out of stanford eng/phys grad school w \$110k in college debt. created internet startup w bro & greg khouri (love bro & loved greg, may he rip)	0.1035	0.8225
1669	at zip2, i wrote entire v1 of software for drawing vector maps & calculating point to point directions anywhere in us (first ever company to do so), as well as white pages & business listings w reviews (an early yelp). also wrote v1 of classifieds, autotrading & real estate apps.	0.1035	0.2732
1670	@fredericclambert that's quite a blast from the past! after my zip2 experience w patents, i felt that patents (particularly software) inhibited innovation, instead of fostering it. i aspired to file zero patents after that. in 2014, we open-sourced all tesla patents <a href="https://t.co/hpk5r5ums6">https://t.co/hpk5r5ums6</a>	0.1035	0.4364
1671	@fredericclambert in early 90s, i wrote a multitasker for pcs that spoofed the cpu & cd-rom to act in parallel, so could read video continuously while player sprite moved smoothly. required c++, assembly & direct flipping of cpu registers. that company's name was rocket science. fate loves irony.	0.1035	0.5423
1672	zip2 also built a newspaper publishing platform that brought hundreds of regional & city papers online for the first time, and made major functionality advancements to the ny times, boston globe & knight-ridder websites. nyt, kr & hearst were all major investors in zip2.	0.1035	0
1673	this is why i'm not impressed when reporters who were literally in junior high while i was in newsrooms all round the world say that if i only knew how newsrooms really worked, then i'd know everything's fine & no need for a media credibility rating system like pravduh 😬	0.1035	0.7506
1674	@anandrajk @lexiheft @tesla that issue is better in latest autopilot software rolling out now & fully fixed in august update as part of our long-awaited tesla version 9. to date, autopilot resources have rightly focused entirely on safety. with v9, we will begin to enable full self-driving features.	0.1035	0.8221
1675	@lanceulanoff intent of new tesla roadster is to beat gas sports cars on every performance metric by far, no exceptions, thus transferring the "halo crown" effect gas cars have as the top speed leaders over to pure electric.	0.1035	0.2023
1676	@lanceulanoff note, gas contained would be ultra high pressure air in a spacex rocket cpv bottle. the air exiting the thrusters would immediately be replenished whenever vehicle pack power draw allowed operation of the air pump, which is most of the time.	0.1035	-0.296
1677	@mkbhd you have my word, marques. next gen roadster will be absolutely out of this world. for those who love to drive, there is no finer car in history and we don't think there will be another.	0.1035	0.6682
1678	@bartjehoel @djenkins6 correct, pure electric. wish orbital rockets could be so too, but there's no escaping newton's third law. spacex is already developing high efficiency co2 capture with h2o to form liquid ch4 (methane) & o2. critical for propellant production at mars base alpha.	0.1035	0.4767
1679	@mkbhd will do	0.1035	0
1680	@vhollywood21 yes. hopefully, i'm not tempting fate too much with that date. it was meant as a joke, but is about the right actual timing.	0.1035	0.765
1681	@off_thewalls @mkbhd @joerogan a lot of people whose judgment i respect have suggested this. sounds like a good idea. will do so after model 3 production reaches 5k/week steady.	0.1035	0.8271
1682	@raptorweb sigh. this is crux of matter: can't make system too annoying or people won't use it, negatively affecting safety, but also can't allow people to get too complacent or safety again suffers. latest update should have a positive effect on latter issue especially.	0.1035	0.8225
1683	@deelex_mcem @vhollywood21 add an r for roadster 😊 ❤️ 🎉	0.1035	0
1684	@worldandscience love this design. simpler the better.	0.1035	0.7964
1685	@oheather1337 @worldandscience it is amazingly hard to find a simple solution. a complicated one is relatively easy.	0.1035	0.5434
1686	@poriya_ravi @worldandscience the actual amount of time i spend on twitter is tiny. my tweets are literally what i'm thinking at the moment, not carefully crafted corporate bs, which is really just banal propaganda.	0.1035	-0.2006
1687	@thatguyknapp @lanceulanoff yes	0.1035	0.4019
1688	@caio_1999_ @lanceulanoff not recommended for urban environments	0.1035	0.2023
1689	@lord_lima_bean @uhddreamer @lanceulanoff exactly. total energy stored even in ultra compressed air is low vs battery, but power output is insane. the composite overwrapped pressure vessel (cpv) is most advanced ever made. it's what spacex is qualifying for nasa crewed missions. extremely robust — literally bulletproof.	0.1035	-0.0534
1690	@erdayastronaut @lord_lima_bean @uhddreamer @lanceulanoff trade is just that roadster becomes a 2 seater instead of a 2+2. cpv in place of the kid seats, which is prob wise for many reasons	0.1035	0.4767
1691	@garyflickinger @ochamsrazr @vr0nline of course, but it's the kind of hustle that you like even with full knowledge. people can obv read the internet & anyone who wants a refund will get one. i predict basically zero. the honest-to-goodness fun value is amazing & we're never going to make them again.	0.1035	0.9545

1692	@joerogan @off_thewalls @mkbhd thanks! have heard universally great things about your podcasts.	0.1035	0.7906
1693	@mayemusk @kimbal back in the precambrian era when the main form of life was a sponge	-0.1439	0
1694	@nabilzouhir1 @mayemusk @kimbal that is actual footage	-0.1439	0
1695	difficult, but necessary tesla reorg underway. my email to the company has already leaked to media. here it is unfiltered: <a href="https://t.co/4ltowoxscx">https://t.co/4ltowoxscx</a>	-0.1439	-0.5859
1696	@arctechinc some very, very tough calls. had to let go of good people, but i think they will find new jobs quickly.	-0.1436	0.34
1697	@ifnd323 will be adjusting screen alert to clarify that we mean "slight up or downward force on the wheel", not really "hold the wheel"	-0.1436	0.296
1698	@kwang0429 yes, interface will change with version 9 software	-0.1436	0.4019
1699	@ralphbakshi dankonia	0.0985	0
1700	my "pay" is in options, which only matter if stock goes up & i sell. will use that to make life multiplanetary, help education & environment on earth w my foundation. just don't want us to be sad about the future. <a href="https://t.co/l3yevjvyuz">https://t.co/l3yevjvyuz</a>	-0.0190	-0.1027
1701	@annerajb @fredericlambert my donations are anonymous	-0.0190	0
1702	@jlolgolson given how bad i am at poetry, probably vogon	-0.0190	-0.5423
1703	@lanceulanoff @lea_bitterwolf @jlolgolson already did. meant to go longer, but ran out of time. <a href="https://t.co/s8g76wtqll">https://t.co/s8g76wtqll</a>	-0.0190	0
1704	@blacksocialists what is your utopia?	-0.0190	0
1705	@publicfreeman @blacksocialists what is yours?	-0.0190	0
1706	those who proclaim themselves "socialists" are usually depressing, have no sense of humor & attended an expensive college. fate loves irony.	0.1993	0.6808
1707	@antvenom a socialist	0.1993	0
1708	@antvenom marx was a capitalist. he even wrote a book about it.	0.1993	0
1709	@jack_frodo universal income will be necessary over time if ai takes over most human jobs	0.1993	0
1710	socialism vs capitalism is not even the right question. what really matters is avoiding monopolies that restrict people's freedom.	0.1993	0.4432
1711	@carltonsc there is considerable confusion between wealth as consumption & wealth as labor allocation. by latter measure, anyone in govt whose budget exceeds \$1b is a billionaire. government is the largest corporation.	0.1993	0.6369
1712	@elmaddogg @tinytacotown no	0.1993	0
1713	heading back into the factory, so that's enough for now. don't take my tweet too seriously. for one thing, it's called a "tweet".	0.1993	-0.1779
1714	@kevinoconnornba lake show	0.1993	0
1715	@r850mango @tinytacotown boys high is a government school for anyone local, which we were	0.1993	0
1716	"no sense of humor" is certainly proving itself true. good grief! how many socialists does it take to screw in a lightbulb? answer: that's not funny!!	0.1993	0.836
1717	by the way, i am actually a socialist. just not the kind that shifts resources from most productive to least productive, pretending to do good, while actually causing harm. true socialism seeks greatest good for all.	0.1993	0.9136
1718	@nickapappas sigh	0.1993	0.0258
1719	@christapeterso yes	0.1993	0.4019
1720	@fnord3125 you're a docile puppet of the uaw. be honest about what you are.	0.1993	0
1721	amazing work by tesla team. built entire new general assembly line in 3 weeks w minimal resources. love u guys so much! pic of 1st model 3 dual motor performance coming off the line ... <a href="https://t.co/xr55p3fmgd">https://t.co/xr55p3fmgd</a>	0.1993	0.8402
1722	@model3owners @dmc_ryan might actually be his!	0.1993	0
1723	@monongahelaex @antvenom read das kapital when i was 14, incl cross-checking english translation of original german. adam smith ftw obv. ironically, future automation will naturally lead to greater equality of consumption. monopolies are true enemy of people. competing to serve is good.	0.1993	0.8402
1724	@soniasimone lol	0.1993	0.4215
1725	@gubisoul @monongahelaex @antvenom that is why it is critical to support competition. excess profits draw in competitors who then drive down prices.	0.1993	0.5106
1726	@kikkerin @soniasimone very appealing if you're a sophomore in college. it's a counterpoint to communism and useful as such, but should be tempered with kindness.	0.1993	0.4404
1727	@nelstamp @rrescenko if i'm not a communist, why do i make red cars 🚗 💡	0.1993	0
1728	if you must know, i am a utopian anarchist of the kind best described by iain banks	0.1993	0.8225
1729	@fredodesmet all of them, especially surface detail	0.1993	0
1730	@rknda1337 @fredodesmet the mind sacrificing itself in the final ship battle	0.1993	-0.3818
1731	@michaelshermer direct democracy by the people. laws must be short, as there is trickery in length. automatic expiration of rules to prevent death by bureaucracy. any rule can be removed by 40% of people to overcome inertia. freedom.	0.1993	-0.1779

1732	@alix_ss @zhouchauster libertarian	0.1993	0
1733	@worldout_42 @billsocalif @fnord3125 exactly	0.1993	0
1734	the enemy of my enemy is myself https://t.co/mommbaeuzu	0.1993	-0.7906
1735	@wi_writer ok	0.1993	0.296
1736	@thetomzone i dare you to stop following me. do it.	0.1993	-0.296
1737	the semi-erotics of evil https://t.co/g1pffkexrj	0.1993	0
1738	@drgitlin your math isn't very good. would require 61%. and what's your issue anyway? better suggestions are welcome.	0.1993	0.8316
1739	auto-semiotic asphyxiation (sorry, couldn't resist)	0.1993	-0.0772
1740	@realmarialove fair point	0.1993	0.3182
1741	@johngoo 🎵🎸🎸🎸🎸🎸	0.1993	0
1742	@mayemusk @kimbal love you too ❤️	0.1993	0.6369
1743	@kausthav_ray @spacex structures, engines, avionics, guidance & control software, new alloys, space lasers (ooh, maybe i shouldn't have said that) ...	0.1993	0
1744	@leechy3 @kausthav_ray @spacex sx 300 & soon sx 500. kind of a modern version of inconel superalloys. high strength at temperature, extreme oxidation resistance. needed for ~800 atmosphere, hot, oxygen-rich turbopump on raptor rocket engine.	0.1993	0.8807
1745	@shaynooooo @kausthav_ray @spacex https://t.co/syo8iiodjg	0.1993	0
1746	@doctorow iain certainly wasn't pro-union in the culture books. at all. and wouldn't be in the case of tesla. banks was about freedom through & through. maybe for a single buyer (monopsony) vs single seller (monopoly), i would be too, but that's a special case.	0.1993	0.8519
1747	@antvenom @shaynooooo @kausthav_ray @spacex was originally called puff the magic dragon, as people said i was high if though it could work, so i named it after their insult.	0.1993	-0.5106
1748	@robotbeat @doctorow i am too, of sorts. govt (ie other taxpayers) should take care of critical needs of people, incl defense, judiciary, health care, etc. rest should be companies competing to provide best product or service to the people.	0.1993	0.8689
1749	@thesithseth @doctorow i'm not against all unions, but uaw has a track record of destroying productivity so a company can't compete on world market. our current factory went bankrupt under uaw before we took it over. don't want tesla to die too.	0.1993	-0.802
1750	@dimas_____ @robotbeat @doctorow uaw doesn't have 30% of signatures (about 6000 people) needed for a vote. they can't even muster enough people for a free bbq. instead, they're getting paid trolls & far left shills to trash tesla & me in press & social media. such creeps.	0.1993	0.5106
1751	@doctorow i endorse freedom to form a union too, as well as freedom not to do so if they feel tesla is a good company. uaw has major conflicts of interest & failed our car plant already when they abandoned us in 2010. tesla can only hire 5% of applicants, so must be doing something right.	0.1993	0.9201
1752	@teslacharts how big is your short position? just curious.	0.1993	0.3182
1753	@indiemusicfan9 @dimas_____ @robotbeat @doctorow more propaganda. the nda only prevents disclosure of tesla proprietary ip or material non-public information (insider trading).	0.1993	-0.25
1754	@doctorow @dimas_____ @robotbeat then look a little closer, doctorow. read the whole thread.	0.1993	0
1755	@indiemusicfan9 @dimas_____ @robotbeat @doctorow ...which clearly doesn't work. uaw and wall street shorts know every detail of what's happening at tesla. storm clouds are gathering, so they're getting desperate.	0.1993	0.1027
1756	@teslacharts then you'll be fine	0.1993	0.2023
1757	well said https://t.co/ldpaiplz0	0.1993	0.2732
1758	@slack2thefuture @doctorow you think all companies are bad and all unions good? that's a very bigoted position.	0.1993	-0.1531
1759	@teslacharts i don't want to see anyone lose their money. or i will at least provide fair warning before it happens, as i have done in the past.	0.1993	-0.3612
1760	@spookyozzy @slack2thefuture @doctorow you're just a troll/bot, but i will reply anyway. i arrived in montreal at 17 by myself with \$2k. no support, no contacts, nothing. father said i'd fail & be back in 3 months.	0.1993	0.6757
1761	@jimpuzzanghera congratulations to la times and patrick soon-shiong!	0.1993	0.5994
1762	@johnnasabri @slack2thefuture @doctorow iron pyrite	0.1993	0
1763	@johnnasabri @slack2thefuture @doctorow read it. like the green, translucent martian opal?	0.1993	0.3612
1764	@doctorow @sahazel wow, you know nothing & are worthy of contempt. the world is under massive attack due to climate change & you couldn't care less.	0.1993	0.5994
1765	@swiftonsecurity wanted to help transition the world to sustainable, clean energy and extend life as we know it beyond earth. those problems require a lot of hardware.	0.1993	0.6705
1766	@swiftonsecurity they don't seem to think much or care about the future beyond a narrow horizon	0.1993	0.4939
1767	search uaw and "corruption". very long reading list. great organization. https://t.co/9rvr31vzbc	0.1993	0.6249
1768	@iamjefftorres @thehartej @yaronbrook @vitalikbuterin i think essential services, incl health care, should be taken care of by govt/taxpayers (socialist) & other parts of economy should be served by companies competing to serve the people (capitalist). aka, the view held by most of america.	0.1993	0.7506

1769	@iamjefftorres @thehartej @yaronbrook @vitalikbuterin yeah, i think we pretty much agree. btw, great show.	0.1993	0.9001
1770	@taimurstriker glad you teach physics. that and critical thinking (ie how not to be tricked) are foundational for all kids to learn.	0.1993	0.1779
1771	@goombar3 we've always provided healthcare, hourly wages above union & tesla stock. also, free drinks & snacks. try to make it fun too. top ten hourly workers cumulatively received tesla stock now worth \$1m to \$2m. nobody wants uaw, so uaw keeps trashing tesla & me via 3rd parties.	0.1993	0.9001
1772	@iamjefftorres @thehartej @yaronbrook @vitalikbuterin @rickandmorty can't wait for the new @rickandmorty season to start!	0.1993	0
1773	@c7five good points. already mostly working in the developer software i'm driving.	0.1993	0.4404
1774	@fredericlambert @swiftonsecurity they have about three weeks before their short position explodes	0.1993	0
1775	@keith_wasserman @jason @beyonce @warriors thanks, good advice	0.1993	0.7003
1776	@amendlocke you won't find pro-union either. the books are all about freedom. no one is forced to join any organization.	-0.3464	0.5267
1777	@amendlocke your union brothers https://t.co/dsgvlscvc6	-0.3464	0
1778	@cfarivar @amendlocke dude, we are california, which is extremely pro union. people can form a union tomorrow & nothing tesla could do to stop it. uaw can't even get enough sigs to request a vote, cause they have nothing to offer.	-0.3464	0.2235
1779	@scottlynch78 @jenphalian you're welcome, bad fiction writer 78 https://t.co/ypglgbdese	-0.3464	-0.128
1780	@cfarivar needed another general assembly line to reach 5k/week model 3 production. a new building was impossible, so we built a giant tent in 2 weeks. tesla team kfa!! gah, love them so much ❤️ 🚙 ↗	-0.3464	0.6486
1781	@joshsteimle @monongahelaex @antvenom no	-0.3464	0
1782	@cfarivar @loosecoosebbq @akrdu2 @tesla @fremont_ca will maybe do a media tour next week. team deserves recognition. this was miraculous.	-0.3464	0
1783	@cfarivar @ppathole @dawg_fan_93 @maysacha @jayprisefighter they look beautiful	-0.3464	0.5994
1784	@cfarivar @ppathole @dawg_fan_93 @maysacha @jayprisefighter @ebrpd i'm at the factory a lot. pretty good workout just walking around. it's big.	-0.3464	0.7269
1785	@antvenom @cfarivar @amendlocke you're probably right. maybe after tesla drama calms down.	-0.3464	0
1786	shelter https://t.co/blrvr0wpjb	-0.3464	0
1787	i hope the kids are ok	-0.3464	0.6249
1788	@sasimons @etlonmusk i think so	-0.3464	0
1789	@somospostpc i couldn't even keep the us in the paris accord, but if there is some way for me to help these kids i will do so	-0.3464	0.4019
1790	@jgalerstein @somospostpc @raicestexas @aclu i am one of the top donors to @aclu	-0.3464	0.2023
1791	@backrowgracie @jgalerstein @somospostpc @raicestexas @aclu just because i donate doesn't mean i support every last thing a person or organization does, but i like all the people i've met from @aclu. they really care about doing good.	-0.3464	0.8973
1792	@cyantist where are they?	-0.3464	0
1793	@1world22gether @cyantist do you know anyone who has gone there?	-0.3464	0
1794	@cyantist @1world22gether will do. am enquiring on many channels. regards to scott.	-0.3464	0
1795	@horn vielleicht muss ich die kirche im dorf verlassen?	-0.3464	0.5994
1796	@zuckerberger @horn das war ein unbeabsichtigter witz 🏛️ 🎧 🎵	-0.3464	-0.5994
1797	@ludalisl @horn die fröhliche wissenschaft und eristische dialektik: die kunst, recht zu behalten	-0.3464	-0.8316
1798	@xxmrfredzzik @horn hahaha	-0.3464	0.5574
1799	@light00bringer @horn original star wars	-0.3464	-0.3182
1800	@horn @ludalisl @hermes42 brevity is the sole meunière of wit	-0.3464	0
1801	@pascal_munz @zuckerberger @horn germany is a leading choice for europe. perhaps on the german-french border makes sense, near the benelux countries	-0.3464	0
1802	@filmladd that's ridiculous, lions can't vote, they don't even have opposable thumbs. also, they'd need 61%, so no.	-0.3464	-0.3612
1803	@bonnienorman yup	-0.3464	0
1804	@topdutchcom @pascal_munz @zuckerberger @horn to be clear, tesla european headquarters will remain in netherlands	-0.3464	0.3818
1805	thank you for helping those in need https://t.co/gf7b3y7mlr	-0.0229	0.5719
1806	cool video https://t.co/fw24trI687	-0.0229	0.3182
1807	@xjawz @joerogan yeah, all-inclusive tax rate of 40% seems about right. below 30% is unrealistic for critical govt functions unless national defense is de facto outsourced & above 50% too negatively affects economic output.	-0.0229	0.1027

1808	@danaloni @xjawz @joerogan that's really decision about how good you think govt is at allocating capital. buffett, for example, is vastly better than any govt at allocating capital. consumption vs capital allocation extremely misunderstood. biggest missing piece in public understanding of what "money" is.	-0.0229	0.5574
1809	@evilcorpgame great name. a little on the nose.	-0.0229	0.6249
1810	@jorendewachter @xjawz @joerogan @mazzucatom he's obv wrong. forcing function for any 100% mkt share monopolist to improve is weak & a national govt is that by fiat. one may find lowish correlation for negativity, but that does not mean low causation.	-0.0229	-0.4588
1811	@peacefulchaos7 @danaloni @xjawz @joerogan exactly	-0.0229	0
1812	@vpliketump @jorendewachter @xjawz @joerogan @mazzucatom yes, consumption tax is way better. also, higher estate tax better than income/cap gains tax. probability of progeny being equally excellent at capital allocation is not high.	-0.0229	0.9274
1813	@santiago7k @xjawz @joerogan considerably less so than our competitors (longer discussion)	-0.0229	0
1814	@adultswim because honey is a vegetable	-0.0229	0
1815	@vpliketump @jorendewachter @xjawz @joerogan @mazzucatom also think there should be a universal basic income that doesn't change even if you get a job. productivity should be rewarded.	-0.0229	0
1816	@erikbry @vpliketump @jorendewachter @xjawz @joerogan @mazzucatom today. it's kinda there in us with welfare but rules are messed up and amount is too low.	-0.0229	-0.5
1817	@cfarivar there is more, but the actions of a few bad apples will not stop tesla from reaching its goals. with 40,000 people, the worst 1 in 1000 will have issues. that's still ~40 people.	-0.0229	-0.8402
1818	@georgezachary @kimbal crazy, that was over 22 years ago. thanks for believing in us!	-0.3849	0.128
1819	@mayemusk @georgezachary @kimbal @toscamusk "we power the press" in 1997. ironic.	-0.3849	-0.128
1820	<a href="https://t.co/8nnlwujxw">https://t.co/8nnlwujxw</a>	-0.3849	0
1821	dune. the spice must flow. <a href="https://t.co/wjvux0gfu">https://t.co/wjvux0gfu</a>	-0.3849	0
1822	without change, something sleeps inside us, and seldom awakens. the sleeper must awaken. fh ... <a href="https://t.co/fjw31rpsqh">https://t.co/fjw31rpsqh</a>	-0.3849	0
1823	@jacobinmag stop being such a jacobin 🤦‍♂️	-0.4613	-0.296
1824	@jacobinmag btw, if anyone else wants to build this tunnel, please do so. it's a lot of work.	-0.4613	0.3182
1825	@toscamusk @westcoastbill @passionflix @rachvd @itsnickbateman congratulations!	-0.4613	0.5994
1826	@corywright sure	-0.4613	0.3182
1827	@zaphodgjd thanks for the feedback, will investigate	-0.4613	0.4404
1828	@wk057 @tesla apply light force to the steering wheel. alert is being changed to this text.	-0.4613	0.296
1829	@ddkilzer @wk057 @tesla we will add a config to lower the alert	-0.4613	0
1830	@vicentes @s_padival @bourgeoisalien @jacobinmag yeah, but i'm not sure what the big deal is. i like building things. if that ends up being useful work too, even better.	-0.4613	0.8957
1831	@cateluvslondon @vicentes @s_padival @bourgeoisalien @jacobinmag when i was a kid, i built model airplanes, trainsets, rockets (mixed my own powder), explosives (kinda surprised i still have all fingers), a radio, lots of software. built a primitive mri machine in college.	-0.4613	0.1548
1832	@cybik yes	-0.4613	0.4019
1833	@disapr_ @cybik it's called top secret	-0.4613	0.2023
1834	@fredericlambert @model3owners that would be tricky to sequence, but maybe	-0.4613	-0.1531
1835	@kotaku infinity work, the reality game	-0.0434	0
1836	@dmc_ryan @kotaku at fremont until late tonight, giga tomorrow, fremont sunday. ga4 is great, but have to say that ga3 crew is pulling off miracles against all odds.	-0.0434	0.6249
1837	@dmc_ryan @kotaku @tesla thanks ❤️	-0.0434	0.4404
1838	what is my purpose? sentient seats. <a href="https://t.co/s9ahhydoud">https://t.co/s9ahhydoud</a>	-0.0434	0
1839	@synapsesame exactly 🤖 ❤️	-0.0434	0
1840	<a href="https://t.co/5cs4mczmpk">https://t.co/5cs4mczmpk</a>	-0.0434	0
1841	@dmc_ryan good catch!	-0.0434	0.4404
1842	@widespreadpanic <a href="https://t.co/ftrxkmogbc">https://t.co/ftrxkmogbc</a>	-0.0434	0
1843	#donotpanic	-0.0434	0
1844	tesla factory rn <a href="https://t.co/ebgrdhhrz0m">https://t.co/ebgrdhhrz0m</a>	-0.0434	0
1845	vicious torque	-0.0434	0
1846	srsly <a href="https://t.co/v9stlufwg2">https://t.co/v9stlufwg2</a>	-0.0434	0
1847	@worldandscience so big you can't believe it	-0.0434	0
1848	@jimsholler will be there in next release	-0.0434	0
1849	@jimsholler which rolls out today	-0.0434	0
1850	looks so sus when we paint cars red <a href="https://t.co/sio2nijjhj">https://t.co/sio2nijjhj</a>	-0.0434	0
1851	@scobleizer @trace_cohen expanding the tour soon. so many cool things to see. tesla car factory has 3rd largest footprint of any building on earth. maybe 1st if you include all our sweet tents 🚐 😂	-0.0434	0.6486
1852	@martinengwicht @maxxbillion working in the factory	-0.0434	0
1853	@schwartzreports i was dying to use the word sus	-0.0434	0
1854	<a href="https://t.co/siikkugfyc">https://t.co/siikkugfyc</a>	-0.0434	0

1855	@icannot_enough he had a way with words	-0.0434	0
1856	@kennnaughty @kerra_henke 420 haha	-0.0434	0.4588
1857	@aidle @schwartzreports .sus	-0.0434	0
1858	@kerra_henke @kennnaughty 🚗 road, hawthorne	-0.0434	0
1859	@kal5_ almost forgot sinclair zx spectrum & spectravideo before pc. sinclair had amazing games, especially elite.	-0.0434	0.5859
1860	@fredericlambert cyborg dragon tesla almost done	-0.0434	0
1861	@johnnasabri @kerra_henke @kennnaughty thanks!	-0.0434	0.4404
1862	it's real <a href="https://t.co/l9h3f86guo">https://t.co/l9h3f86guo</a>	-0.0434	0
1863	@justin_ebright we considered going beyond mad max to "la freeway" level, but that's too loco	-0.0434	-0.4588
1864	@jclishman @justin_ebright it's a tough call. reality is that it will be pretty easy to bully a self-driving car, as it will always yield. will prob have a manual override that requires continuous press for hardcore lane changes.	-0.0434	0.6808
1865	@dmc_ryan @tkraenze @tesla critical autonomous safety features like emergency braking are standard, but convenience features like active cruise control are not	-0.0434	0.6808
1866	@worldandscience so strange	-0.0434	-0.2023
1867	it is unknown whether we are the only civilization currently alive in the observable universe, but any chance that we are is added impetus for extending life beyond earth	-0.0434	0.5574
1868	@rossputin life is good	-0.0434	0.4404
1869	@thescalex yes, we are essentially a steward of life & duty-bound imo to ensure its continuance	-0.0434	0.6486
1870	@cardoso yes	-0.0434	0.4019
1871	@dmc_ryan @tkraenze @tesla good news coming soon	-0.0434	0.4404
1872	@docjkcardinal @worldandscience let's find out. it would be amazing to encounter an alien civilization, provided it is not their invasion fleet! 🍄🍄🍄🍄🍄🍄🍄🍄	-0.0434	0.5859
1873	@xkcdcomic could be very close call. earth is ~4.5b years old & sun will expand to heat earth beyond livable temp in ~0.5b years, so if advent of civilization took 10% longer, it wouldn't have happened at all.	-0.0434	0.3182
1874	@lazarusrang humanity is not perfect, but it's all we've got	-0.0434	0.5719
1875	@xkcdcomic this doesn't take into account shifting trillions of tons of carbon from subsurface to atmosphere, which could accelerate overheating time by a factor of a million (or so). this is why tesla.	-0.0434	0
1876	@getmygist as individuals, we will all die in blink of an eye on a galactic timescale. what can live on for long time is civilization. those who first go to other planets will face far more risk of death & hardship than those who stay. over time, space travel will be safe & open to all.	-0.0434	-0.7906
1877	@rehearsallot @guiscaesar @surfersnout @aedmondsauthor @barbiesway @twittermoments @repmaxinewaters @politifact this washington post article seems good <a href="https://t.co/r1d9ixg179">https://t.co/r1d9ixg179</a>	-0.0434	0.4404
1878	@rehearsallot @guiscaesar @surfersnout @aedmondsauthor @barbiesway @twittermoments @repmaxinewaters @politifact "all 7,635 children were resettled by hhs. after 30 days, the department called the parents or guardians to check up on things. but these calls were not required by law, and in 1,475 cases, the parents or guardians did not respond"	-0.0434	0
1879	@rehearsallot @guiscaesar @surfersnout @aedmondsauthor @barbiesway @twittermoments @repmaxinewaters @politifact "... of the 7,635 children, 6,075 remained where they were placed, 52 had moved, 28 had run away and five were deported. that left 1,475 migrant children. just because their parents or guardians did not return hhs's phone calls after 30 days does not mean the children are missing"	-0.0434	-0.296
1880	@rehearsallot @guiscaesar @surfersnout @aedmondsauthor @barbiesway @twittermoments @repmaxinewaters @politifact we should always be concerned about the welfare of children & those who cannot protect themselves, wherever they may be, but it seems much of the reporting on this issue has been partisan & often inaccurate	-0.0434	0.3818
1881	@johnnasabri @rehearsallot @guiscaesar @surfersnout @aedmondsauthor @barbiesway @twittermoments @repmaxinewaters @politifact true	-0.0434	0.4215
1882	@corewm hopefully in v9.0 release in a few months	-0.0434	0.4019
1883	@ppathole @rehearsallot @guiscaesar @surfersnout @aedmondsauthor @barbiesway @twittermoments @repmaxinewaters @politifact important to read the wash post article. the "unable to account for" number does not refer to actual lost children. it refers to calls not answered or returned in a 30 day period.	-0.0434	-0.0516
1884	@rationaletienne @ppathole @rehearsallot @guiscaesar @surfersnout @aedmondsauthor @barbiesway @twittermoments @repmaxinewaters @politifact we must aspire to truth	-0.0434	0.3182
1885	@justwidle2 @tesla then you will really hate that tesla scored 100/100 four years in a row on lgbtq equality <a href="https://t.co/azwwihpwlw">https://t.co/azwwihpwlw</a>	0.0193	-0.6115
1886	@justwidle2 @tesla don't buy our car if that's a problem. people should be free to live their lives where their heart takes them 💕💕💕💕💕💕	0.0193	0.1531

1887	@ev20018 @justwidle2 @tesla “virtue signaling” is super annoying & there are lots of phoneys who are actually huge jerks, but jump on every social cause du jour. but i’m really proud of the fact that # of changes tesla had to make to achieve 100/100 (before even knowing about the lgbtq index) was zero.	0.0193	0.7841
1888	what would you love to see in a tesla pickup truck? i have a few things in mind, but what do you think are small, but important nuances & what would be seriously next level?	0.0193	0.6486
1889	pickup truck will have power outlets allowing use of heavy duty 240v, high power tools in field all day. no generator needed.	-0.1148	0
1890	@muellerjeffrey wow, great idea! since it will already have a tesla pneumatics system, it totally makes sense to add a utility port.	-0.1148	0.836
1891	@penenberg for sure! when doing us govt crash safety testing, the model s roof was so strong, it broke their testing machine. <a href="https://t.co/m9ae9mhric">https://t.co/m9ae9mhric</a>	-0.1148	0.4404
1892	@wbwhitehouse it will	-0.1148	0
1893	@phycho_ hippie 300,000 lb towing capacity	-0.1148	0
1894	@cubamark that goes without saying <a href="https://t.co/h5wdkpfzi0">https://t.co/h5wdkpfzi0</a>	-0.1148	0
1895	@clintdebusk that will be standard	-0.1148	0
1896	@thehoff525 yes. highly recommend doing so btw.	-0.1148	0.6697
1897	you’re welcome! <a href="https://t.co/ncsghhb1ja">https://t.co/ncsghhb1ja</a>	-0.1148	0.4588
1898	@mattpturner should be easy to add as a feature like calendar	-0.1148	0.6597
1899	@zacksjerryrig for sure	-0.1148	0.3182
1900	@joeyostrander 400 to 500 mile option definitely. higher, maybe.	-0.1148	0.4019
1901	@theseanbooker sir, this will not be some a dainty little buttercup of a truck! driver’s seat will be big enough to fit andre the giant (love that guy).	-0.1148	0.7717
1902	@clprenz @joeyostrander i hate whole idea of brands and branding. so much bs. i hope it messes with our brand. brands suck.	-0.1148	-0.5719
1903	@pulletsforever all tesla vehicles come with cabin overheat protection <a href="https://t.co/q9fjkckewo">https://t.co/q9fjkckewo</a>	-0.1148	0
1904	@rajmathai @tesla @teslarati no standard automotive solution could be built in time, so we created a new solution. it is working & has slightly higher quality than the more traditional general assembly line. perhaps most surprising is that the total cost of production in the sprung tent is lower.	-0.1148	0.6705
1905	@coronadetucson bronco rocks	-0.1148	0
1906	@model3owners @boringcompany happily for the victorious 🎉, he is indeed still far faster than godot. line-storm comes closer to nipping at his heel (?), but prufrock will make it a true nail-biter race!	-0.0792	0.4215
1907	@jules_su we didn’t steal his mug crayon drawing of a farting unicorn, we didn’t benefit from it, we don’t want it, and we still offered to pay for it. you are a jackass.	-0.0792	-0.0772
1908	appreciate all the good wishes. first bday i’ve spent in the factory, but it’s somehow the best.	-0.0792	0.886
1909	@jules_su and one more thing, your father smells of 💩 and i 💩 in your general direction	-0.0792	0
1910	@kiannafierce oh, i love trap. good suggestions welcome!	-0.0792	0.8316
1911	@daveydo2000 @jules_su @ericidle that’s cool. one of my favorite lines! monty python is so brilliant.	-0.0792	0.8442
1912	paint shop <a href="https://t.co/g2rie1qyg4">https://t.co/g2rie1qyg4</a>	-0.0792	0
1913	@westcoastbill thanks bill	-0.0792	0.4404
1914	@gizmodo sad news. he wrote some epic sci fi.	-0.3103	-0.4767
1915	@himanshu_ragtah @gizmodo wrath of khan, kobayashi maru	-0.3103	0
1916	@worldandscience certianly glad i’m not one them. phew!	-0.3103	0.4588
1917	@janeidyeve @worldandscience that pretty much proves it isn’t me	-0.3103	0.4939
1918	@keemstar 🤦	-0.3103	0
1919	@johnnasabri @janeidyeve @worldandscience busted. it’s me.	-0.3103	0
1920	@pamaj @keemstar follow the 🤦	-0.3103	0
1921	@techmeme @crystalttc ... the money	-0.3103	0
1922	@janeidyeve @worldandscience 🤦 obv	-0.3103	0
1923	open the knaack hal <a href="https://t.co/eg47rvpppf">https://t.co/eg47rvpppf</a>	-0.3103	0
1924	the spice. must. flow. <a href="https://t.co/ov4aliwzkz">https://t.co/ov4aliwzkz</a>	-0.3103	0
1925	@himanshu_ragtah @gizmodo if the rules force defeat, the rules must change	-0.3103	0
1926	@janeidyeve everything is sentient, especially sentience	-0.3103	0
1927	spacebow <a href="https://t.co/ht4gcsaqo9">https://t.co/ht4gcsaqo9</a>	-0.3103	0
1928	@stun_empire 🤦	-0.3103	0
1929	space laser <a href="https://t.co/8cq6l9si3f">https://t.co/8cq6l9si3f</a>	-0.3103	0
1930	@stu1999 <a href="https://t.co/az4aidxs33">https://t.co/az4aidxs33</a>	-0.3103	0

1931	@southpark love awesomo	-0.3103	0.6369
1932	engineering is magic	-0.3103	0
1933	excession <a href="https://t.co/h4aywxbs3h">https://t.co/h4aywxbs3h</a>	-0.3103	0
1934	or at least the closest thing to magic that exists in the real world	-0.3103	0
1935	who likes short shorts? <a href="https://t.co/hoksdt8xds">https://t.co/hoksdt8xds</a>	-0.5907	0.4215
1936	@keyonchrist 🌟	-0.5907	0
1937	@santidebus then what's this wand for?	-0.5907	0
1938	7000 cars, 7 days ♥️ tesla team ♥️	-0.5907	0
1939	@bkbkbk @libertymutual looking into this. will fix if so.	-0.5455	0
1940	@willfealey @tesla @radioflyer sure	-0.5455	0.3182
1941	@willfealey @tesla @radioflyer no problem, happy to donate some personally	-0.5455	0.25
1942	the spice flows <a href="https://t.co/ymyhvgixhc">https://t.co/ymyhvgixhc</a>	-0.5455	0
1943	@littlemissflint ok, will look into it	-0.2073	0.296
1944	@antonlodder camera & onboard neural net should detect. if very close (below 15 ft), will show up on ultrasonics	-0.2073	0
1945	@cody_walker9 very early on, we had the ability to use the car as a battery outputting power. maybe worth revisiting that.	-0.2073	0.4939
1946	@icp i will buy tons of your merch	-0.2073	0
1947	@davealexhou should be coming soon	-0.2073	0
1948	@beltel no, was just there with my kids for a few hours to see the got set & had dinner at a pub. love the show and grrm's books.	-0.2073	0.6369
1949	@awatsonmenswear belfast is beautiful	-0.2073	0.5994
1950	@mabzmagz boring co has advanced ground penetrating radar & is pretty good at digging holes. don't know if pump rate is limited by electric power or pumps are too small. if so, could dropship fully charged powerpacks and pumps.	-0.2073	0.4228
1951	@littlemissflint happy to support	-0.2073	0.7506
1952	@aperezposada @reuters .@reuters is relentlessly negative about tesla. they just wrote a bogus article saying s production last week was low by 800 cars. s/x annual prod is set at ~100k, ie 1,900/week. tesla built 1,913 s/x cars at our standard ~50/50 split last week, which is right on target.	-0.2073	-0.7003
1953	@aperezposada @reuters .@reuters, why did you mislead the people public about this number?	-0.2073	0.0772
1954	@gawwy @aperezposada @reuters @sal19 wow, so @sal19 of @reuters wrote article that misled public about model 3 production & followed that up with mean tweet to me on my bday. nice work @sal19 & @reuters.	-0.2073	0.765
1955	@s_padival @lopezlinette sounds very sketchy if true. @lopezlinette, is it possible you're serving as an inside trading source for one of tesla's biggest short-sellers? an ex-tesla employee just went on record formally claiming you bribed him & he sent you valuable tesla ip in exchange. is this true?	-0.2073	0.8271
1956	note, no one is in the car or controlling remotely. car is driving entirely by itself. <a href="https://t.co/xsg2mmmy756">https://t.co/xsg2mmmy756</a>	-0.2073	0
1957	@icannot_enough @simriyat @gawwy @aperezposada @reuters @sal19 strange. @cnbc, is it true that you are putting on analysts with such low ratings & extremely bad prediction records? are your viewers informed about an analyst's track record before hearing their opinion.	-0.2073	-0.5984
1958	@benjaminpollock @cnbc exactly. @cnbc, i just asked a simple question. please answer.	-0.2073	0.3182
1959	@stetopinini @s_padival @lopezlinette indeed, very simple question. to be specific: @lopezlinette, did you compensate or promise to compensate martin tripp for inside information about tesla? did he, under that inducement, provide you with exaggerated negative info, which you printed, but turned out to be untrue?	-0.2073	-0.34
1960	@thesheetztweetz @cnbc @lebeaucarnews am not attacking all media or even all of @cnbc. just asked if you inform public about an analyst's prediction track record about a subject when putting them on your show.	-0.2073	-0.4588
1961	@teslabull what a coincidence ...	-0.2073	0
1962	@scottwww @stetopinini @s_padival @lopezlinette .@lopezlinette you stated publicly that you "see eye to eye" with chanos, the most prominent short-seller of tesla. have you ever provided him with material non-public information about tesla?	-0.2073	0
1963	@vincent13031925 @teslabull @scottwww @stetopinini @s_padival @lopezlinette so @lopezlinette publicly stated she stans for chanos, tesla's most prominent short-seller. in her words, he is "one of the greatest." her articles print chanos's view verbatim. this is not journalism.	-0.2073	0.6369
1964	@tombrechet @vassilyk @flatjannrickles @vincent13031925 @teslabull @scottwww @stetopinini @s_padival @lopezlinette @tesla sounds fishy. how did that go down?	-0.2073	0

1965	@rayhawn @tesla norwegians are right to be upset with tesla. we are having trouble expanding our service facilities in oslo especially. can solve quickly with tesla mobile service vans, but awaiting govt permission to do so.	-0.2073	-0.1548
1966	@s_padival @lopezlinette <a href="https://t.co/ystkbf7p1w">https://t.co/ystkbf7p1w</a>	-0.0140	0
1967	@s_padival @lopezlinette why did @lopezlinette publish a love letter puff piece about chanos's cuff links? who took the pic? obv not objective <a href="https://t.co/ealvigwm7k">https://t.co/ealvigwm7k</a>	-0.0140	0.6369
1968	@thesheetztweetz @cnbc @lebeaucarnews lopez wrote that melissa lee of cnbc was "dancing her face off" with chanos in vegas. is this true? <a href="https://t.co/jy7sqkz4r5">https://t.co/jy7sqkz4r5</a>	-0.0140	0.4215
1969	@lopezlinette they were sent to me by multiple people on the internet. i don't use facebook.	-0.0140	0
1970	@jowens510 @lopezlinette i didn't ask anyone and the people who sent the snapshots don't work for me. they just don't like hypocrites.	-0.0140	0.3612
1971	@melissaleecnbc @thesheetztweetz @cnbc @lebeaucarnews i know you & believe you, but it means lopez misled readers in her article, because that is exactly what she said	-0.0140	0
1972	@ladykayaker @jamesworldspace walking speed is around 5km/h, but if you're in an air tube, time doesn't matter much. if tube diameter was 1.5m, a fast walk of 5km would take 40 mins or so. just need to duck for the narrow sections.	-0.0140	0.0258
1973	@jamesworldspace looks like 1st bit of water is close enough to entrance to be pumped out. 2nd & 3rd would need battery packs, air pumps & tubes. if depth of 2nd is accurate, would need ~0.5 bar tube pressure. prob need to enter tube, zip up & then transit.	-0.0140	0.0772
1974	@thanr @jamesworldspace does you know output voltage & amperage of those generator trucks? 3 phase? what frequency? will need high voltage transformer to carry power over distance or very thick cable. beyond that, only batteries will work. will prep powerwalls in case needed.	-0.0140	0
1975	@ladykayaker @jamesworldspace so long as air pressure in tube higher than water pressure, air will blow out & water won't come in	-0.0140	-0.5267
1976	@thanr @jamesworldspace great, thanks	-0.0140	0.7906
1977	@bonnienorman @teslabull @trippedover interesting	-0.0140	0.4019
1978	@erikveen i would def recommend this	0.0416	0.3612
1979	@siwgrindaker @erikveen should be possible to increase the air inflow rate above the leak rate, unless there is a very big hole. if oxygen % is dropping, suggests that leak holes are not large.	0.0416	-0.3612
1980	@jeremysliew it's open so that others who are closer to the problem can consider this as one possible solution	0.0416	-0.1027
1981	@mattyice4412 @thanr @jamesworldspace yeah, that's what i'm talking about in that tweet — double-layer kevlar pressure pod with teflon coating. other approach is a long inflatable air sock. both worth trying.	0.0416	0.2263
1982	@littlemissflint you're welcome. happy birthday! 🎉🎂	0.0416	0.7717
1983	@jl2579 @mattyice4412 @thanr @jamesworldspace prob wise to add an air tank (butt end fwd to take impacts) in nose of pod & vent valve in rear. set air tank to slow bleed rate, then no need for scuba mouthpiece or regulator. training unnecessary & less susceptible to panic attack.	0.0416	-0.4076
1984	@arkadiuszkula @jl2579 @mattyice4412 @thanr @jamesworldspace good idea	0.0416	0.4404
1985	some good feedback from cave experts in thailand. iterating with them on an escape pod design that might be safe enough to try. also building an inflatable tube with airlocks. less likely to work, given tricky contours, but great if it does.	0.0416	0.875
1986	@jevjack1 can't be too buoyant	0.0416	0
1987	@voltzcoreaudio yes. all-weather. ~300km/h high altitude winds. ~60km/h ground winds. it's a beast.	0.0416	0.4019
1988	@voltzcoreaudio ground winds would	0.0416	0
1989	got more great feedback from thailand. primary path is basically a tiny, kid-size submarine using the liquid oxygen transfer tube of falcon rocket as hull. light enough to be carried by 2 divers, small enough to get through narrow gaps. extremely robust.	0.0416	0.7778
1990	continue to be amazed by the bravery, resilience & tenacity of kids & diving team in thailand. human character at its best.	0.0416	0.6369
1991	@aiyanaskye construction complete in about 8 hours, then 17 hour flight to thailand	0.0416	0
1992	@thanr @ablock82 i'm in la working with the spacex team building the kid mini-sub	0.0416	0
1993	@maysacha 4 handles/hitch points on front & 4 on rear. 2 air tank connections on front & 2 on rear, allowing 1 to 4 tanks simultaneously connected, all recessed for impact protection w secondary cap seal if leak develops.	0.0416	-0.34
1994	@abroadwithalec @maysacha yes	0.0416	0.4019
1995	@dirkbonhomme @jelte design @maysacha yes	0.0416	0.4019
1996	@slashdot yes	0.0416	0.4019
1997	extremely talented dive team. makes sense given monsoon. godspeed. <a href="https://t.co/t5xro3gtxk">https://t.co/t5xro3gtxk</a>	0.0416	0.5563
1998	@dowdedward will do. even if not useful here, perhaps it will be in a future situation.	0.0416	0.4404
1999	@ayshardzn given chiang rai airport hours, soonest we could've departed us was an hour ago, but cave now closed for diver rescue. will continue testing in la in case needed later or for somewhere else in future.	0.0416	0.5106

2000	@grady_booch @slashdot c	0.0416	0
2001	@ko_sulli @grady_booch @slashdot turbo	0.0416	0
2002	@dcliem pretty close. there is a nosecone on the front to protect against rocks impacting fwd air hoses with a hole on the side for hoses to exit.	0.0416	0.7003
2003	@sivarajkumar237 @ko_sulli @grady_booch @slashdot ❤️❤️❤️ python ❤️❤️❤️	0.0416	0
2004	@docjohng @dcliem if i am a narcissist (which might be true), at least i am a useful one	0.0416	0.1012
2005	@annerajb @sivarajkumar237 @ko_sulli @grady_booch @slashdot python is done right. great name story too.	0.0416	0.6249
2006	@annerajb @kulpability @sivarajkumar237 @ko_sulli @grady_booch @slashdot tight control code is always c	0.0416	0
2007	@vcastillo630 @adblanche i am an engineer	0.0416	0
2008	@dcliem design based on dive team feedback (primarily stanton): 4 air / oxygen ports front & rear, front ports protected by nosecone. dual o-ring seal on acrylic rear plate with clear view of occupant head. leak/buckling proof to 10x cave water pressure.	0.0416	-0.25
2009	@montanaseptic @dcliem testing for 3 more hours in la, then it's on a plane to thailand	0.0416	0
2010	@dcliem buoyancy adjusted by strapping diver weight belts around body of capsule. they're prevented from sliding off by the 6 diver handhold attachments.	0.0416	0.0258
2011	@dcliem <a href="https://t.co/jl2spt0ncp">https://t.co/jl2spt0ncp</a>	0.0416	0
2012	@astrography__ @dcliem aluminum shell has high thermal conductivity, so will be close to ambient. if ambient is cold, a thin layer of neoprene insulation around interior will keep occupant warm.	0.0416	0.2263
2013	@ppathole @jimmyvosika @dcliem yeah, that sounds cool. music makes things better. calms the mind. adding padded wall pockets for a hand radio & phone/music player.	0.0416	0.8625
2014	@kylebrubaker diver weight belts wrapped around outside. mini-sub only weighs ~40kg dry, so easy to carry on long dry sections of cave, then add weight belts for wet sections.	0.0416	0.4404
2015	@iamjohnmcmahon i want to know who is running the etherium scambots! mad skillz ...	0.0416	-0.4404
2016	<a href="https://t.co/d1umifdr1t">https://t.co/d1umifdr1t</a>	0.0416	0
2017	with some mods, this could also work as an escape pod in space	0.0416	0.1779
2018	@imscoops it is an honor to work with them	0.0416	0.4939
2019	thanks @palicharterhigh for letting us use your pool	0.0416	0.4404
2020	@janeidyeve mini-sub arriving in about 17 hours. hopefully useful. if not, perhaps it will be in a future situation.	0.0416	0.6808
2021	@binarybits @janeidyeve tube diameter is 31cm	0.0416	0
2022	@bweikle according to divers who have made the journey, this is capable of maneuvering through all passages	0.0416	0.3818
2023	@2morrowknight thanks, but we've not done anything useful yet. it is all other people.	0.0416	0.7003
2024	simulating maneuvering through a narrow passage <a href="https://t.co/2z01ut3vxj">https://t.co/2z01ut3vxj</a>	0.0416	0
2025	@anna_online according to divers who have made the passage, yes. however, we also made an exact replica that is inflatable, so that the entire path can be tested without risk of blockage.	0.0416	0.5445
2026	@janeidyeve yes. those videos are from this morning.	0.0416	0.4019
2027	@enochko @anna_online a second one that is 30cm shorter is almost complete	0.0416	0
2028	@noizey_man @janeidyeve that would be cool. i wonder what it's like under all that ice.	0.0416	0.5859
2029	great news that they made it out safely. congratulations to an outstanding rescue team!	-0.1498	0.9612
2030	@bbcworld the former thai provincial governor (described inaccurately as "rescue chief") is not the subject matter expert. that would be dick stanton, who co-led the dive rescue team. this is our direct correspondence: <a href="https://t.co/dmc9l3jizr">https://t.co/dmc9l3jizr</a>	-0.1498	0.5267
2031	@bbcworld moreover, based on extensive cave video review & discussion with several divers who know journey, spacex engineering is absolutely certain that mini-sub can do entire journey & demonstrate at any time.	-0.1498	0.3384
2032	@sarthk007 @bbcworld yes, it was specifically designed to pass that point	-0.1498	0.4019
2033	@lanceulanoff @bbcworld good for rescuing vulnerable patients in dangerous environments, particularly if water, toxic gas or dangerous bacteria/viruses present, as patient would remain dry & at std air pressure entire time.	-0.1498	-0.7506
2034	@blake_kistler @bbcworld ironically, the "billionaire" label, when used by media, is almost always meant to devalue & denigrate the subject. i wasn't called that until my companies got to a certain size, but reality is that i still do the same science & engineering as before. just the scale has changed.	-0.1498	0.2732
2035	@hellocullen already have	-0.1498	0
2036	@eehouls no, it means i created jobs for 50,000 people directly and, through parts suppliers & supporting professions, ~250,000 people indirectly, thus supporting half a million families. what have you done?	-0.1498	0.7783
2037	@bevvscott @eehouls exactly	-0.1498	0
2038	@dmc_ryan should be very soon. we've already made around 100 model 3 performance cars for test drives in stores.	-0.1498	0

2039	@donandrewbailey @theferris_wheel @100k_ideas @gotchuw when you're there next week, are you planning to test water sources for lead?	-0.0346	0
2040	@donandrewbailey @theferris_wheel @100k_ideas @gotchuw please lmk results of your water tests	-0.0346	0.3182
2041	@donandrewbailey @haydentiff @theferris_wheel @100k_ideas @gotchuw please lmk contamination levels of any kind when you test the water	-0.0346	0.6908
2042	@hankgreen @eehoulds thanks for correcting me. i meant to say over half a million people.	-0.0346	0.4404
2043	@rockypruitt @kulability @donandrewbailey @haydentiff @theferris_wheel @100k_ideas @gotchuw makes a lot of sense	-0.0346	0
2044	@johnnasabri @dtemkin it sometimes feels like reality is a moral filter. i suppose that is what religion tells us. wonder what i should do differently.	-0.0346	0.3612
2045	@katheri93719178 @dtemkin yes. caves are now filled with water again. difficulty of passage is massively dependent on water level. little kids can walk/swim in when low, but it can be deadly to pro divers when high. pump & generator engineering team deserves some credit for the rescue.	-0.0346	0.6557
2046	catching rocket fairings falling from space has proven tricky, so we made the net really big <a href="https://t.co/wmenzeksrq">https://t.co/wmenzeksrq</a>	-0.0346	-0.296
2047	well ... it looked smaller on paper	-0.0346	0.2732
2048	@zainraz4 yes, and springy, like a highly damped trampoline	-0.0346	0.6369
2049	@annerajb definitely. can't wait to try that. been a little distracted past few months on mostly tesla matters, but back at it soon.	-0.0346	0.1761
2050	@kirklandjones good point	-0.0346	0.4404
2051	stockholm: it's not just a syndrome	-0.0346	0
2052	@vanschneider why sir ... 😊	-0.0346	0
2053	@jack great move	-0.0346	0.6249
2054	@dylansheamusic please consider this a commitment that i will fund fixing the water in any house in flint that has water contamination above fda levels. no kidding.	-0.0346	0.4019
2055	@jonodiener for now, reply to my tweet with ppm & ppb test results & will send someone to install a water filter. creating email flint@x.com, but i'm in china so that won't be working until tomorrow.	-0.2075	0.296
2056	@jonodiener maybe rewarding to organize a barnstorming weekend for water filter installation?	-0.2075	0
2057	@starfire2258 you're right on both counts. most houses in flint have safe water, but they've lost faith in govt test results. some houses are still outliers. will organize a weekend in flint to add filters to those houses with issues & hopefully fix perception of those that are actually good.	-0.2075	0.8402
2058	@shplatt @starfire2258 good point. maybe use non-plumbers with work inspected/approved by pros.	-0.2075	0.6908
2059	@d20_highroller yeah	-0.2075	0.296
2060	@tammyharrington @d20_highroller damn, now i want donuts 🍩	-0.2075	-0.34
2061	@arsenaldem @pvols1979 @cnet lots of fake accounts on twitter characterized by high following/follower ratio to make it seem like many real people when it isn't. wonder why.	-0.2075	-0.1531
2062	@vissmeerr @arsenaldem @pvols1979 @cnet it will happen for sure. damn.	-0.2075	-0.1027
2063	@thanr glad to hear that. engineering team also getting feedback from the british dive team on how to improve the design for future applications.	-0.2075	0.7096
2064	@thanr sounds good	-0.2075	0.4404
2065	so true <a href="https://t.co/dlagzixyhm">https://t.co/dlagzixyhm</a>	-0.2075	0.4215
2066	just between us, i have a teleportation stargate to the andromeda galaxy. it's amazing. <a href="https://t.co/elqr4pleix">https://t.co/elqr4pleix</a>	-0.2075	0.5859
2067	@mickyni111 look, at least it's not the magellanic clouds. they're basically next door.	-0.2075	0
2068	@thanr sure 🤪	-0.2075	0.3182
2069	@aparanjape prob early next year	-0.2075	0
2070	@hohocho would love to. it's been too long.	-0.2075	0.6369
2071	excellent meetings with senior leaders in china. very thoughtful about the long-term future.	-0.2075	0.743
2072	@isco__ they should go where their heart takes them, but some of the boys seem to be interested in physics & engineering	-0.2075	0.4019
2073	@karenaboutflint @dylansheamusic sure, will call tomorrow	-0.2075	0.3182
2074	@toddkorpi @starfire2258 ok, thanks. will let you know.	-0.0317	0.6249
2075	@itsmikeski if you have cool arrows, you're in	-0.0317	0.3182
2076	@winterspb @itsmikeski hmm, could def make some pretty sweet high-tech micro-missiles in arrow form	-0.0317	0.7351
2077	@m3chwarri0r935 @itsmikeski @deadpoolmovie even have the url <a href="https://t.co/bouuoek5cvy">https://t.co/bouuoek5cvy</a>	-0.0317	0
2078	@designheretic @littlemissflint gathering input this week, will begin taking action next week and let people know how they can help	-0.0317	0.4019
2079	@malala @malalafund happy birthday, malala! happy to support.	-0.0317	0.8779
2080	@tesla whether you plan to buy a dual motor performance model 3 or not, take it for a test drive anyway. it's like having pure fun jacked straight into your brain whenever you want.	-0.0317	0.7906

2081	interesting read <a href="https://t.co/6vvietypiy">https://t.co/6vvietypiy</a>	-0.0317	0.4019
2082	wrote in grimoire, joined fellowship <a href="https://t.co/cfybo3zofe">https://t.co/cfybo3zofe</a>	-0.1408	0
2083	@ajanitpv yeah, but i got 100 gp & roc feather of never-ending tickles	-0.1408	0.296
2084	@lanceulanoff wizard alien 🧙‍♂️	-0.1408	0
2085	@renatakonkoly yes	-0.1408	0.4019
2086	@aarong @ajanitpv lvl 16 neutral good half-elf fighter/magic-user	-0.1408	0.4404
2087	@ipugsiehd spoiler alert. next thing you'll tell me is they don't like pajamas.	-0.1408	0.5719
2088	@ipugsiehd will check with our cat, schrödinger, but i don't think she's going to like it	-0.1408	0.3612
2089	@nasaspaceflight in a month or so	-0.1408	0
2090	@mrkylefield @neuroecology @thegrugg safe to lick. i checked.	-0.1408	0.4404
2091	@johndstoll @wsj @mtbarra i'm honored to work with an amazing group of people at tesla, but always happy to talk to an ace who might want to join	-0.1408	0.93
2092	@atomicdeke @aarong @ajanitpv actually true	-0.1408	0.4215
2093	@jack_p thanks jack. to be clear, i am not a conservative. am registered independent & politically moderate. doesn't mean i'm moderate about all issues. humanitarian issues are extremely important to me & i don't understand why they are not important to everyone.	-0.1408	0.8265
2094	@stfuszn @jack_p so that they are willing to listen when i call to object about issues that negatively affect humanity	-0.1408	0
2095	@jack_p that said, i do not actually see the checks (changed that policy today). a nominal annual amount goes out automatically to both parties to maintain dialogue. i have given vastly more to humanitarian causes.	-0.1408	0.4019
2096	thank you for fighting climate change. this affects every living creature on earth. <a href="https://t.co/mm0cpaqlsn">https://t.co/mm0cpaqlsn</a>	-0.1408	0.3612
2097	reports that i am a top donor to gop are categorically false. i am not a top donor to any political party.	-0.1408	0.6486
2098	@danielbrennan yes, about 0.5% of what i donated to @sierraclub, which is a reasonable amount to maintain an open dialogue	-0.1408	0.4019
2099	@nealboudette @bertelschmitt @amazingchevvolt i have never donated to a superpac	-0.1408	0
2100	@lrroberts87 good point	-0.1294	0.4404
2101	@adamchavez as this well-written article suggests, my words were spoken in anger after mr. unsworth said several untruths & suggested i engage in a sexual act with the mini-sub, which had been built as an act of kindness & according to specifications from the dive team leader.	-0.1294	0.5423
2102	i wish <a href="https://t.co/e31gxw4zry">https://t.co/e31gxw4zry</a>	-0.1294	0.4019
2103	@marker2002 @kevinbusch @paracidic @otgray310 wow, someone has really thought about this!	-0.1294	0.5859
2104	@vincent13031925 @bonnienorman @jason @scottwww dunno where this bs is coming from. who knows about the future, but last week we had over 2000 s/x and 5000 model 3 *new* net orders.	-0.2714	0
2105	@annerajb @flyfiddlesticks @patrickc @stevesi this chart only shows globally competed commercial launches, not us government missions. "other us" refers to boeing & lockheed. their skill at obtaining govt contracts & subsidies vastly exceeds ours.	-0.2714	0
2106	@danfromtheweb figuratively, literally or both?	-0.0731	0
2107	@danfromtheweb i apologized. do you stand by your guillotine statement or not?	-0.0731	0
2108	@danfromtheweb phew 😅. yeah, we had a drain block 3 months ago & people are working hard to make tesla successful. am honored to work with them. are you trolling for fun or is it part of a job? what motivates you?	-0.0731	0.8689
2109	@annerajb @danfromtheweb yes, that will probably be its first use	-0.0731	0.4019
2110	no kidding <a href="https://t.co/vz3fdeo7ud">https://t.co/vz3fdeo7ud</a>	-0.0731	0.1027
2111	@annerajb @boringcompany yeah, great point. underground power lines would clear up the skyline, be safer to service, have better uptime & save lives of many birds.	-0.0731	0.9501
2112	@danfromtheweb btw, 1792 is calling & wants its method of execution back. seriously, what museum do you plan to raid?	-0.0731	-0.1779
2113	@janeidyeve for sure	-0.0731	0.3182
2114	@danfromtheweb don't make me bite my thumb at you	-0.0731	0
2115	@danfromtheweb i made that up tbh. they did not have phones during the french revolution. they used friendster.	-0.0731	0
2116	@mitchellrossman @danfromtheweb i love that scene	-0.0731	0.6369
2117	⚡️⚡️⚡️ <a href="https://t.co/8gjqcbsuo0">https://t.co/8gjqcbsuo0</a>	-0.0731	0
2118	<a href="https://t.co/ys9qlwcnp">https://t.co/ys9qlwcnp</a>	-0.0731	0
2119	@jd_2020 sorry 🤦	-0.0731	-0.0772
2120	@antvenom it is much better	-0.0731	0.4404
2121	@ca_via_greenbay always look on the bright side of life ...	-0.0731	0.4404
2122	@antvenom he's a good guy	-0.0731	0.4404

2123	@antvenom @ca_via_greenbay makes me very sad indeed, but also the fault is mine by far	-0.0731	-0.7003
2124	@danfromtheweb ok	-0.0731	0.296
2125	@ryan_caldeck @tesla yes, tesla model s, x &amp; 3 all automatically keep cabin temperature within safe limits even when parked <a href="https://t.co/yvkwqfplbm">https://t.co/yvkwqfplbm</a>	-0.0731	0.6808
2126	@huby @87spider @ryan_caldeck @tesla exactly. overheat protection is always on, but you can also tap "maintain" &amp; your car will hold a cool or warm temp for a few hours while parked.	-0.0731	0.4939
2127	@hyperloop @spacex congratulations to all teams in the student @hyperloop competition! to make high-speed pods that can operate in vacuum is very difficult. was great to meet everyone!	-0.0731	0.7579
2128	wall street <a href="https://t.co/gvzyxmwo5m">https://t.co/gvzyxmwo5m</a>	-0.0731	0
2129	@arstechnica haha	-0.0731	0.4588
2130	@willfealey @tesla @teslaownersuk wow, that's really awesome. thank you! ❤️ @teslaownersuk	-0.0731	0.8995
2131	@westcoastbill yeah. never seen it so high ever.	-0.0731	0.296
2132	@appljd we're trying to get rid of contracts completely. should just be "tap here &amp; you get your car". then, if you don't like it for any reason, just return it like any other product.	-0.2654	0.6124
2133	@appljd we've gone from ~1000 s/x deliveries per week in us last year to ~6000 s/3/x. it's like hitting a square wave.	-0.2654	0.3612
2134	@appljd great!	-0.2654	0.6249
2135	mötor trēnd <a href="https://t.co/jilxfhjkyw">https://t.co/jilxfhjkyw</a>	0.1784	0
2136	@dflieb @tesla yes	0.1784	0.4019
2137	wagnerian <a href="https://t.co/mjt0bncdiy">https://t.co/mjt0bncdiy</a>	0.1784	0
2138	@iridiumboss @spacex @spotify @marine_layer thanks for taking a chance on @spacex so many years ago! looking forward to using the new iridium constellation.	0.1784	0.5994
2139	@antvenom @bbcbreaking localized electro-magnetic field generators	0.1784	0
2140	@westcoastbill explains why there are so many cat videos	-0.0633	0
2141	worth another retweet. hope dan neil returns to twitter. he left due to relentless attacks from short-sellers, who constantly peddle fear, uncertainty &amp; doubt about tesla. dan won the pulitzer &amp; is considered by many to be the best car critic in the world. <a href="https://t.co/txw3ddjpth">https://t.co/txw3ddjpth</a>	-0.0633	-0.25
2142	@whatheffacts what's technology?	-0.3341	0
2143	@alexgarnerart @whatheffacts machines that go "ping"	-0.3341	0
2144	@phil_hellmuth @tesla thanks phil	-0.3341	0.4404
2145	@electrekco @fredericlambert this is great.	-0.2402	0.6249
2146	❤️ ↗️ 🔍 <a href="https://t.co/hpu4sfom0p">https://t.co/hpu4sfom0p</a>	-0.2402	0
2147	@nextspaceflight side boosters, yes, but too much load through center core	-0.2402	0.4019
2148	@smilesimplify @emrekelly @nextspaceflight probably ships next summer	-0.2402	0
2149	@fermatlibrary 🎓	-0.2402	0
2150	the future is accelerating <a href="https://t.co/hkxfjtv8wt">https://t.co/hkxfjtv8wt</a>	-0.2402	0
2151	@j_m_0_n @tesla yes	-0.2402	0.4019
2152	0	-0.2402	0
2153	think once, tweet twice [do it]	-0.2402	0
2154	@mr_computique if any formula instantiates reality, it's probably that	-0.2402	0
2155	8-bit floating point?	-0.2402	0
2156	@kingter74261333 @neuralink all are important. you will see.	-0.2402	0.2023
2157	@hussi_tussi have wanted to for so long, but that would be irresponsible	-0.2402	0
2158	<a href="https://t.co/pctxeidekx">https://t.co/pctxeidekx</a>	-0.2402	0
2159	@martinengwicht @grimezs was listening to jon hopkins' singularity with c, but posted this instead	-0.2402	0
2160	we tried out a new delivery system using an enclosed trailer straight from factory to owner's home, so super convenient &amp; car arrives in pristine condition without wasting plastic wrap <a href="https://t.co/exnyhb0zot">https://t.co/exnyhb0zot</a>	-0.2402	0.7003
2161	@martinengwicht yes	-0.2402	0.4019
2162	@jbaert yes, minifloats	-0.2402	0.4019
2163	@discovermag there's a massive amount of co2 on mars adsorbed into soil that'd be released upon heating. with enough energy via artificial or natural (sun) fusion, you can terraform almost any large, rocky body.	0.0364	0.5574
2164	not having a big gas guzzler engine in front means there's room for trunks in front &amp; back, plus longer crumple zone for best safety of any midsize car <a href="https://t.co/ostk7ouidv">https://t.co/ostk7ouidv</a>	0.0364	0.7906
2165	we're adding a "party &amp; camper mode" soon to s/3/x, so your car can maintain air flow, temp, selective lights, music &amp; power devices for 48 hours or more while parked. big batteries rock ...	0.0364	0.4019
2166	@andredalmeida yeah, model 3 is designed to fit 6'4" adults comfortably in both front &amp; rear seats at same time	0.0364	0.5719
2167	@samir no	0.0364	0
2168	@l9cgv we should be really worried about this	0.0364	-0.3597
2169	@ilehonardo can't wait to bring tesla to brazil. one of my favorite countries!	0.0364	0.4588

2170	@4nikolas @samir will leave any comment on actions in flint to those in flint	0.0364	-0.0516
2171	@aswhiting tesla body shops are ramping up fast. aiming to go from 30+ days using external body repair shops to same day body repair with prestocked parts at tesla service centers.	-0.0377	0
2172	@discovermag science ❤️ ↗ <a href="https://t.co/hianwrrzwm">https://t.co/hianwrrzwm</a>	-0.0377	0
2173	@worldandsience and most of remaining 0.14% is jupiter. we are tiny dust on tiny dust.	-0.0377	0
2174	@tictoc tragic. will send einhorn a box of short shorts to comfort him through this difficult time.	-0.0377	-0.4588
2175	falcon 9 launches iridium to orbit from vandenberg air force base <a href="https://t.co/7gtzx0a24d">https://t.co/7gtzx0a24d</a>	-0.0377	0
2176	some of best classic @atari games coming as easter eggs in tesla v9.0 release in about 4 weeks. thanks @atari!	-0.0377	0.7964
2177	@lexiheft @atari yes	-0.0377	0.4019
2178	@nantonius @atari yes	-0.0377	0.4019
2179	@austjennings yes	-0.0377	0.4019
2180	@jlgolson @atari what are your favorites?	-0.0377	0.4215
2181	@ryanhummer @atari we will try to squeeze it in	-0.0377	0
2182	@jlgolson @atari hoping to include last three in this release, with pole position linked to actual car steering wheel (while stationary tbc haha)	-0.0377	0.7003
2183	@megazone @ryanhummer @atari yup	-0.0377	0
2184	@mobiilimika @atari cool idea!	-0.0377	0.3182
2185	@blacklisttrader 😊	-0.0377	0
2186	if you're into video game development, consider applying to tesla. we want to make super fun games that integrate the center touch screen, phone & car irl.	-0.0377	0.8176
2187	@scoti5 @levine bioshock is amazing	-0.0377	0.5859
2188	@brouardmartin @atari definitely	-0.0377	0.4019
2189	@dmc_ryan will work with current hardware. ota update.	-0.0974	0
2190	squirrels ... <a href="https://t.co/svegpxd046">https://t.co/svegpxd046</a>	-0.1750	0
2191	dang, turns out even hitler was shorting tesla stock ... <a href="https://t.co/rilm1vq5o3k">https://t.co/rilm1vq5o3k</a>	-0.1750	0
2192	performance model 3 review by @mattdebord <a href="https://t.co/uea599vpcx">https://t.co/uea599vpcx</a>	-0.1750	0
2193	love the handmaiden. director also made original korean oldboy. <a href="https://t.co/ftxqnflqlr">https://t.co/ftxqnflqlr</a>	-0.1750	0.7579
2194	@jmchile @openai the humans	-0.1750	0
2195	@marks22 thanks for the tip. his attention to detail is excellent.	-0.1750	0.765
2196	@bbccomedy @boycottstuff ❤️ tracey "... before i knew it, i was writing to the guardian ..." 🤣🤣🤣	-0.1750	0
2197	@matthewtbishop @mattdebord def worth it. model 3 performance is next-level.	-0.1750	0.2263
2198	@vishaljotshi yup	-0.1750	0
2199	@chriscardinal games & other refinements will go to all tesla s, x & 3 from start of production. autopilot enhancements apply to all model 3's plus s & x made in last few years (needs autopilot hardware v2.0 or higher).	-0.1750	0
2200	@lanceulanoff @vishaljotshi much more interesting	-0.1750	0.4019
2201	@vicentes @vishaljotshi everywhere ...	-0.1750	0
2202	@scobleizer ❤️ tesla autopilot team ❤️	-0.1750	0
2203	@lexiheft early access will have bugs (usually minor, but you never know for sure), so would not advise early access unless you're prepared to have something go wrong	-0.1750	-0.6202
2204	@rengle820 model s p100d is def still the top end, but model 3 performance is higher value for money	-0.1750	0.4939
2205	@khoji yes	-0.1750	0.4019
2206	@excellion we're working on a new tesla mini-car that can squeeze in an adult	-0.1750	0
2207	@gdb @openai @blitz_dota great work by @openai. need the neural interface soon to enable human/ai symbiosis.	-0.1750	0.6249
2208	@chillinquillen @joerogan maybe thursday	-0.1750	0
2209	am considering taking tesla private at \$420. funding secured.	0.6228	0
2210	@lizclaman @tesla 420	0.6228	0
2211	good morning 😊	0.6228	0.4404
2212	@evotorentals yes	0.6228	0.4019
2213	@heydave7 absolutely. am super appreciative of tesla shareholders. will ensure their prosperity in any scenario.	0.6228	0.7778
2214	@fredericlambert no change	0.6228	0
2215	@thatspacegeek yes, but liquidity events would be limited to every 6 months or so (like spacex)	0.6228	0.5106
2216	@fredericlambert @lexfridman probably 4 to 6 months. those who order full self-driving get the upgrade at no cost. it isn't needed just for enhanced autopilot.	-0.3555	0
2217	@komocode @fredericlambert @lexfridman yes	-0.3555	0.4019
2218	@lexiheft @fredericlambert @lexfridman sorry, meant to say same timeframe as hardware	-0.3555	-0.0772
2219	@spacexupdates those are the new design made of titanium. doesn't need heat shielding or even paint.	-0.0752	0

2220	@johnnasabri @medium love this from p&amp;p: "one has got all the goodness, and the other all the appearance of it." reminds me so of my nana, who was very stern & strict & yet kindest of all. believe in good.	-0.0752	0.8779
2221	.@defcon. hqr sz wut.	-0.1962	0
2222	short shorts coming soon to tesla merch	-0.1962	0
2223	s3xy	-0.1962	0
2224	what are your fav short shorts?	-0.1962	0.4588
2225	paired with thigh-high sockboots	-0.1962	0
2226	unis3x	-0.1962	0
2227	@kiannafierce of course	-0.1962	0
2228	@shorealonefilms busted	-0.1962	0
2229	@photofeature he was amazing	-0.1962	0.5859
2230	@fredericlambert @woodhaus2 production design will be better, especially in details. we are dying to do this, but primary focus must remain on making affordable version of model 3 & bringing y to market	-0.1962	0.4404
2231	@momof3terrors thanks, great feedback. will be a fun project for tesla design. love the idea of adding a special item every few months, so whenever you go into a tesla store, there is something new & delightful to see.	-0.1962	0.9531
2232	@josh1c good idea, we will add this feature!	-0.1962	0.4404
2233	@physorg_com @eth_en @pnasnews eth beam heh heh	-0.1962	-0.296
2234	@amitkatwala @wireduk mostly accurate, even though i didn't do an interview (or pose for cover)	-0.1962	0
2235	@amitkatwala @wireduk open to it at some point. you did an impressive amount of work on this article.	-0.1962	0.5106
2236	@tesla i'm excited to work with silver lake and goldman Sachs as financial advisors, plus wachtell, lipton, rosen & katz and munger, tolles & olson as legal advisors, on the proposal to take tesla private	-0.3158	0.4404
2237	@kevinmitnick 49 20 77 61 73 2e 20 53 6f 72 72 79 20 74 6f 20 68 61 76 65 20 6d 69 73 73 65 64 20 79 6f 75 2e	-0.3158	0
2238	@kaushal_k @kevinmitnick hex nostalgia	-0.3158	0
2239	@mactechgenius @kaushal_k @kevinmitnick blue too	-0.3158	0
2240	defeating traffic is the ultimate boss battle	-0.1965	-0.3818
2241	model 3 review by unbox ... <a href="https://t.co/uea9mxyva1">https://t.co/uea9mxyva1</a> via @youtube	-0.1965	0
2242	great meeting you! <a href="https://t.co/z16nk3guxp">https://t.co/z16nk3guxp</a>	0.2971	0.6249
2243	super appreciate free concert for tesla during this intense time! ❤️ ❤️ <a href="https://t.co/bhcofiaries">https://t.co/bhcofiaries</a>	0.2971	0.8807
2244	@o_landman @tesla version 10	0.2971	0
2245	read eliot's notes on the waste land <a href="https://t.co/2ssshijmio">https://t.co/2ssshijmio</a> <a href="https://t.co/utoai4kbi1">https://t.co/utoai4kbi1</a>	0.1498	-0.4215
2246	@alexanderpayton excesson	0.1498	0
2247	really makes me wanna buy rice krispies <a href="https://t.co/pevjre4ynu">https://t.co/pevjre4ynu</a>	0.1498	0
2248	@wuhfel didn't "like" it	0.1498	0.3612
2249	@wuhfel instagram is so thirsty, yet gives you death by water	0.1498	-0.5994
2250	<a href="https://t.co/q9je06lmwn">https://t.co/q9je06lmwn</a>	-0.0879	0
2251	@littlemissflint definitely	-0.0879	0.4019
2252	@teslatunity @tesla coming soon	-0.0879	0
2253	@tldtoday @tesla thanks for buying our car! would highly recommend performance version. it's really good & i don't say that lightly. nothing will give you greater joy. full refund, no hard feelings if not.	-0.0836	0.5113
2254	@cathedwood thank you for the thoughtful letter	-0.0836	0.6249
2255	@tldtoday @tesla cool, lmk if you have suggestions for improvement after you drive it	-0.0836	0.6486
2256	@voxpolitico i'm dying to	-0.0836	0
2257	@voxpolitico so many saved drafts. so ... so many.	-0.0836	0.4215
2258	love born in the brain is more spirited, doubtless, than true love, but it has only flashes of enthusiasm; it knows itself too well, it criticizes itself incessantly; so far from banishing thought, it is itself reared only upon a structure of thought. ♥️ the red and the black ♥️	-0.0836	0.9231
2259	@model3owners ok	-0.0836	0.296
2260	goal is to service your car wherever you are, quietly & quickly. no need to bring it to a tesla service center. <a href="https://t.co/kciftliz8">https://t.co/kciftliz8</a>	-0.0584	0
2261	@electrekco i was just there. cardboard being prepped for recycling along southern fence line caught fire. super appreciate fast response by fremont fire dept! no injuries or damage to factory.	-0.0584	-0.1027
2262	@ashleyesqueda tesla car karaoke hopefully ready in ota software update version 10. just played missile command, asteroids & lunar lander in v9. really fun!	-0.0584	0.8805

2263	this time, the vacuum tunnel will be a bit longer & spacex will provide some advance funding for student teams with most promising designs. bonus award for all race pods that exceed half the speed of sound! <a href="https://t.co/yucnsv3hia">https://t.co/yucnsv3hia</a>	-0.0767	0.7351
2264	this is actually real <a href="https://t.co/i5wzrqyocw">https://t.co/i5wzrqyocw</a>	-0.0767	0
2265	@isco_yes 😊 ❤️ 💋, looks brutal otherwise	-0.0767	-0.34
2266	@nichegamer it's almost done	-0.0767	0
2267	@tesla in talking to our public investors, most were supportive of optimizing for long-term value creation over quarterly earnings. this was also a factor in remaining public.	-0.0767	0.6908
2268	@electrekco @fredericlambert what's cool is that it was driven across the country alone (no escort or any accompanying vehicles), using the existing tesla supercharger network and an extension cord	-0.0767	0.0772
2269	@electrekco @fredericlambert the extension cord was 1000 miles long, but still	-0.0767	0
2270	@askdrstupid this was key showstopper for me personally. couldn't make it happen, even through expert fiduciary spv, without creating exotic trust structure that would prob not be accepted by regulators. current rules have good intentions, but make wealth creation harder for small investors.	-0.0767	0.5588
2271	@insideevs @tesla @airresources maybe ...	-0.0767	0
2272	@j_borsson @insideevs @tesla @airresources most major customers have tried it & love it. now we need to finish production design & build it, while avoiding dumb mistakes made with model 3 production system. wish it wasn't so hard to be less stupid over time ...	-0.0767	-0.1779
2273	@yanquetino @tesla most people don't realize that the cost of operating an electric vehicle is much lower than a gas car. electricity is way cheaper than gas plus no oil changes, tune-ups, smog checks & other service costs.	-0.0767	-0.296
2274	@seanhquinn @yanquetino @tesla this is utterly false. fossil fuel merchants of doubt have been pushing that bs for years. tesla gigafactory will be 100% renewable powered (by tesla solar) by end of next year.	-0.0767	-0.3612
2275	the world lost a great man in john mccain. he was an honorable, kind, brave and fundamentally decent human being. if only there were more such people in the world.	-0.0767	0.8625
2276	@jwiechers @swiftonsecurity i want that outfit	-0.2487	0.0772
2277	@theianchen @tesla sure :)	-0.2487	0.3182
2278	@tijenonaran for the record, my voice cracked once during the ny times article. that's it. there were no tears.	-0.2487	-0.2263
2279	@techmeme @catherineshu great actions by twitter to delete bogus accounts. will increase usage by real users.	-0.2487	0.7506
2280	@yoda @rmac18 @tijenonaran you don't think it's strange he hasn't sued me? he was offered free legal services. and you call yourself @yoda ...	-0.2487	0.4588
2281	@alexdmd2 @techmeme @catherineshu it's coming, i swear	-0.2487	-0.0516
2282	@yoda @rmac18 @tijenonaran did you investigate at all? i'm guessing answer is no. why?	-0.2487	0
2283	@mcmurchie @alexdmd2 @techmeme @catherineshu at this point, i want eth even if it is a scam	-0.2487	-0.5267
2284	@yoda @rmac18 @tijenonaran answer the question @yoda. you brought it up, not me. did you investigate or not? if so, what did you actually do?	-0.2487	0
2285	@johnnacrider1 v cool	-0.2487	0.3182
2286	@glamandgore i was told that his parents preferred that his name not be mentioned	-0.2234	0
2287	@electrekco @fredericlambert !	-0.0841	0
2288	@cnn can steve bannon please insult me some more? best pr i've had in a while.	-0.1126	0.4939
2289	@pooktd sorry, we've put pretty extreme rules in place for paint & quality in general. if need be, we're repainting/replacing entire sections of car or building whole new cars. got to be done.	-0.1126	0.4404
2290	@fredericlambert @pooktd the multi-coat colors (pearl white & red) are hardest, red especially, as it has red tint in the clear coat layer itself for depth & complexity	-0.1126	0.4364
2291	@mliebow @tesla much appreciated! great word-of-mouth is why model 3 is the best-selling electric car, despite no advertising or paid endorsements.	-0.2930	0.9118
2292	@andrew_gold_am running it in my car, but it's not right yet. hopefully, will release to advanced early access users in a week or two, then more broadly towards end of month.	-0.2105	0.5719
2293	will be on @joerogan at 9:30pm pacific on thursday	-0.2105	0
2294	tesla 1st, 2nd & 3rd in august sales <a href="https://t.co/npdkc9qepp">https://t.co/npdkc9qepp</a>	-0.1993	0
2295	@andrew_gold_will add a fade mode with only essential info	-0.0202	0
2296	good times with @joerogan ... <a href="https://t.co/8uzusejoq1">https://t.co/8uzusejoq1</a>	-0.0202	0.4404
2297	i am a business magnet	-0.0202	0
2298	@xjawz @rnaegels @joerogan @peterthiel @reidhoffman not me, i'm gonna die right here in the usa. or mars. just not on impact.	-0.0202	-0.5994
2299	@karaswisher @themightyoo @itsmanibro will do soon, as promised	-0.0202	0.3612
2300	@caitylotz like sands through the hourglass ...	0.2089	0.3612
2301	@tesla_bill @insideevs 2170 is about the right cell size, but i don't recommend copying our current module design. far too difficult to manufacture.	0.2089	0

2302	test-driving our new boring machine with a 🚗 <a href="https://t.co/wbcdo8ra6p">https://t.co/wbcdo8ra6p</a>	0.2089	-0.3182
2303	not easy coming up with a good cover story for an underground volcano lair, but i think it's working	0.2089	0.7003
2304	@theoceancleanup looks cool	0.2089	0.3182
2305	moving 2 of 7 tesla colors off menu on wednesday to simplify manufacturing. obsidian black & metallic silver will still be available as special request, but at higher price.	-0.1054	0.4019
2306	@dmc_ryan @edoublezero love that red. we tried every possible way to make red look 3d without floating a special red tint in primary gloss layer, but no way. we have to stop whole paint shop for red & it looks like an episode of dexter.	-0.1054	0.501
2307	@ebf no, service will stock all colors	-0.1054	0
2308	@adultswim @rickandmorty best show in the multiverse!	-0.1054	0.6369
2309	@paulobriski @tesla my apologies, am working on this exact issue right now	-0.0697	0
2310	due to a large increase in vehicle delivery volume in north america, tesla customers may experience longer response times. resolving this is our top priority.	-0.0697	0.4767
2311	@syrinxstarman @teslaroadtrip @tesla thoughtful feedback	-0.0697	0.3818
2312	.@boringcompany will transport your car all the way into your garage <a href="https://t.co/dpnkc80nwh">https://t.co/dpnkc80nwh</a>	-0.0697	0
2313	@dylanstw__ @boringcompany about to finish first tbc hq building made with boring bricks in the shape of a medieval watchtower	-0.0697	-0.3182
2314	first boring brick store opening in ~2 months. only 10 cents a brick! rated for california seismic loads.	-0.0697	-0.3182
2315	bricks will be free if used for affordable housing projects	-0.0697	0.5106
2316	@falcongridfin @spacex yes	0.0514	0.4019
2317	@antvenom @spacex JP	0.0514	0
2318	electric cars made with sunlight <a href="https://t.co/utvdn9msmy">https://t.co/utvdn9msmy</a>	0.0514	0
2319	@falcongridfin @spacex intentionally so	0.0514	0
2320	@mcwm haha 😊	0.0514	0.4588
2321	@mcwm wut? <a href="https://t.co/sub8zftthk">https://t.co/sub8zftthk</a>	0.0514	0
2322	@mcwm the muskrat is like a beaver with small ideas, but it has a certain quiet dignity ...	0.0514	0.743
2323	@joannmuller @alanohnsman @forbes the tesla board has done incredible work overseeing the largest value creation in the auto industry in 100+ years, despite many setbacks. tesla owes its very existence to this board!	0.0514	0.5423
2324	@thetrustysteed @tesla hi dustin!	0.0112	0
2325	tesla owners can grant free supercharging for life to a friend who buys s3/x. ends tomorrow night. <a href="https://t.co/7zdxeiqvc7">https://t.co/7zdxeiqvc7</a> "	0.0112	0.7579
2326	@techgrltweeter true	0.0112	0.4215
2327	tesla is bringing most collision repairs in-house, as outside firms take weeks to months for repairs, driving tesla owners (and us) crazy	0.0112	-0.5994
2328	exciting to see some tesla collision repair operations already completing within 24 hrs. aiming for same day soon, then under an hour.	0.0112	0.1779
2329	goal is for repaired car to be better than before accident. should always be true if damaged/used parts are correctly replaced with newer parts.	0.0112	-0.0772
2330	@thereal_scottv yeah, that's our problem. service & parts supply in general will be the top tesla priority after we get through the insane car delivery logistics of the next few weeks.	0.0112	-0.34
2331	@ddkilzer yes	0.0112	0.4019
2332	@nirbheek sorry, it's not really sustainable at volume production & doesn't incent optimal behavior. we probably should have ended this earlier.	0.0112	0.296
2333	@johnkoetsier design has been changed so the 🛸 lands on legs that extend from the tips of the three fins, two of which actuate (mostly for pitch control)	0.0112	0.1779
2334	@roxanadaneshjou @boringcompany awesome 😊	0.0112	0.6249
2335	@megangale @tesla sorry, we've gone from production hell to delivery logistics hell, but this problem is far more tractable. we're making rapid progress. should be solved shortly.	0.0112	-0.8519
2336	@thepixelgeek 😊	0.0112	0
2337	<a href="https://t.co/d1kep44zjm">https://t.co/d1kep44zjm</a>	0.0112	0
2338	<a href="https://t.co/dupiavm1z">https://t.co/dupiavm1z</a>	0.0112	0
2339	@vicentes forward moving wing	0.0112	0
2340	#occupymars	0.0112	0
2341	@falcongridfin good catch. they are there in the flight design, but we forgot to put them in this render.	0.0112	0.4404
2342	@swiftontsecurity maybe the scammers will just get tired of winning eventually	0.0112	0.5267
2343	@antvenom ok	0.0112	0.296
2344	@ummjackson if you can help get rid of the annoying scam spammers, that would be much appreciated	0.0112	-0.1027
2345	@spacex my fav tweet ever	0.0112	0.4588
2346	@conormcdphoto with lasers	0.0112	0
2347	btw, can't emphasize enough how @spacex would not be where it is today without @nasa. thank you.	0.0112	-0.2755

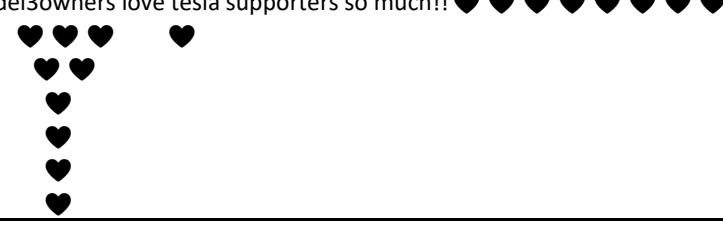
2348	top spacex priority is and will remain supporting @nasa crewed spaceflight and national security missions	0.0112	0.7269
2349	@lanceulanoff @spacex @nasa yes, i do	0.0112	0.4019
2350	@beardyman this is definitely worth thoughtful debate. what might we do differently to improve human/life happiness?	0.0112	0.9136
2351	due to some tesla owners encountering system issues yesterday, the free supercharging referral program will be extended until tomorrow night <a href="https://t.co/hbb7kte685">https://t.co/hbb7kte685</a>	0.0112	0.5106
2352	@martinengwicht very interesting	-0.3814	0.4019
2353	@nigelkbaker will see what we can do. really need to bring this program to an end while being as fair as possible. it's not sustainable long-term.	-0.3814	0.3182
2354	@cleantechnica will be interesting to see how this evolves over time	-0.3814	0.4019
2355	@dmc_ryan @iamacloudguy @model3owners yes, albeit a beta version. will improve with v9.1.	-0.3814	0.6808
2356	@martinengwicht @iamacloudguy @model3owners probably v10 alpha build	-0.3814	0
2357	hanging out with @yousuck2020 before the @spacex moon mission announcement <a href="https://t.co/rtowutzmtg">https://t.co/rtowutzmtg</a>	-0.3814	0
2358	@mkbhd yeah ... that's exactly how i feel. however it happens, i just hope it does.	-0.3814	0.6249
2359	@yousuck2020 @spacex that's the first bfr airframe/tank barrel section made of a new carbon fiber material	-0.3814	0
2360	@sleepingromi @yousuck2020 @rogerwaters @spacex @dearmoonproject yes	-0.3814	0.4019
2361	@jamesmarstersof @bioshock always	-0.3814	0
2362	@oatmeal 😊	-0.3814	0
2363	@ryaneshaghi very close	-0.3814	0
2364	@bocio777 perhaps one of the invited artists choosing to play. there will be no obligation to do so.	-0.3814	0.34
2365	moon mission will be livestreamed in high def vr, so it'll feel like you're there in real-time minus a few seconds for speed of light	-0.3814	0.3612
2366	@lisapadgett @bocio777 @tarkesteijn sorry! so many bots!!	-0.3814	-0.0772
2367	@perthguppy yeah, starlink should be active by then	-0.3814	0.5994
2368	@janeidyeve @ds23ytube long-term, there will be thousands and eventually, hopefully, millions of missions & anyone will be able to go	-0.3814	0.4019
2369	@cardoso @soundboy264 space bar	-0.3814	0
2370	@erdayastronaut will do. love reddit.	-0.3814	0.6369
2371	@megangale @tesla you're most welcome! sorry for the delay.	0.3573	0.1027
2372	@slashdot to conserve computing power, a simulation would only render an object when it is observed	0.3573	0
2373	true 😊 <a href="https://t.co/cs6semhk6">https://t.co/cs6semhk6</a>	0.3573	0.4215
2374	@danaloni @slashdot yes	0.3573	0.4019
2375	@janeidyeve @slashdot yes, if there is no listener, a simulation probably wouldn't spend computing power on sound	0.3573	0.4019
2376	@cjdaniels77 31 engines, but with room to add 11 more down the road. kinda have to.	-0.2253	0
2377	@ragingoat @tesla tesla rangers!	-0.2253	0
2378	♥ @neiltyson	-0.2253	0
2379	@vicentes @danaloni @slashdot physics can be thought of as the compression algorithms of reality	-0.2253	0
2380	@primadonna @tesla @alphacali wow, glad they're ok!	-0.2253	0.8402
2381	@lindseystirling 🎵🐦	-0.2253	0
2382	.@nhtsagov will post final safety probability stats soon. model 3 has a shot at being safest car ever tested.	-0.2253	0.6705
2383	@cardoso @nhtsagov haha true	-0.2253	0.7003
2384	@martenbenjamin @nhtsagov @tesla exactly, all 5 star are *not* the same, as the videos show. "5 star" just means a car met a certain threshold, but injury probability stats (real numbers) tell you by how much.	-0.2253	-0.1779
2385	tesla piece on the physics of car safety coming soon for those interested in technical details	-0.2253	0.6705
2386	@lanceulanoff helps improve forward crumple zone length, especially important in high speed frontal impacts, and moments of inertia in side impacts	-0.2253	0.7645
2387	@lanceulanoff yes, when it comes to physics, make sure newton is on your side	-0.2253	0.6124
2388	@martinengwicht @blondese a car propelled by combustion is far more likely to combust than an electric car	-0.2253	0
2389	@lanceulanoff key technical point is that the polar moment of inertia (concentration of mass around center) of a tesla, to the extent of our knowledge, is better than any other production car. this positively affects safety, handling & driving feel. extremely important metric.	-0.2253	0.7778
2390	@lanceulanoff front vs rear wheel weight distribution, though commonly asked, isn't the right question. you can have 50% on front, 50% on rear & still have poor handling if mass elements are far from center. dumbbell mass distribution is bad, spinning top/dreidel is good.	-0.2253	-0.4404

2391	@lanceulanoff consider an ice skater. same weight, but spins/turns much faster with arms in vs arms out. same principle is true for a car.	-0.2253	0.4215
2392	<a href="https://t.co/fn0hkjd3uj">https://t.co/fn0hkjd3uj</a>	-0.0765	0
2393	mars base alpha <a href="https://t.co/o1llqp8rfy">https://t.co/o1llqp8rfy</a>	-0.0765	0
2394	@nasaspaceflight probably 2028 for a base to be built	-0.0765	0
2395	@dmc_ryan wow, thanks for offering to help! the coming week is incredibly intense. if any current tesla owners who'd like to help educate new owners could head to tesla delivery centers during midday on sat/sun & morning/evening on weekdays, that would be super appreciated!	-0.0765	0.9698
2396	@slashdot tricky one	-0.0765	-0.1531
2397	@ctbarker32 apologies, we're upgrading our logistics system, but running into an extreme shortage of car carrier trailers. started building our own car carriers this weekend to alleviate load.	-0.0765	-0.25
2398	@ftomenko @tesla 😊	-0.0816	0
2399	@parkerwoolfolk increased tire pressure improves range. also, if you have performance tires, they are stickier. better handling, but slightly lower range.	-0.0816	0.5709
2400	❤️ tesla owners ❤️ <a href="https://t.co/ybzovkbfgj">https://t.co/ybzovkbfgj</a>	-0.0816	0
2401	@neveryb going over final tweaks tonight. hopefully in wide release end of week.	-0.0816	0.4019
2402	@agent_ko @starflightgame @spacex @starcontrolgame what would be great is original elite	0.0732	0.7506
2403	@ctbarker32 @bdl3j @tesla you're welcome. sorry for the delay!	0.0732	0.1027
2404	@scottwww @tesla pace of innovation is all that matters in the long run	0.0732	0.4019
2405	sorry for difficulties delivering your tesla due to high volume! critical to show that environmentally sustainable is financially sustainable.	0.0082	-0.3818
2406	huge thank you to all tesla supporters for helping with car deliveries all around the world. you rock!!	0.0082	0.836
2407	and remember ... <a href="https://t.co/uaduv4olzf">https://t.co/uaduv4olzf</a>	0.0082	0
2408	@model3owners !! will take action.	0.0082	0
2409	that was intense <a href="https://t.co/8308zfmnoj">https://t.co/8308zfmnoj</a>	0.0082	0.0772
2410	@alitofts @tesla @6pm tesla will deliver your car to you. this is the future. the way it should work.	0.0082	0
2411	@krobertson @tesla @kimbal @senorsisig will do. definitely moving heavily towards direct to work/home delivery of cars!	0.0082	0.4019
2412	naughty by nature 😊 <a href="https://t.co/muzdxjwjyz">https://t.co/muzdxjwjyz</a>	0.0082	0
2413	@scottwww @cleantechnica could be worse 😊	-0.3930	-0.4767
2414	great verdict 😊 <a href="https://t.co/ml83b0nssm">https://t.co/ml83b0nssm</a>	-0.3933	0.6249
2415	just want to that the shortseller enrichment commission is doing incredible work. and the name change is so on point!	-0.3933	0.0772
2416	@scobleizer @tesla sorry about the typo. that was unforgivable. why would they be upset about their mission? it's what they do.	-0.3933	-0.0772
2417	@scobleizer @tesla true	-0.4284	0.4215
2418	@bulltesla @avor if you think tesla is overvalued compared to probable value of future cash flows, sell. otherwise, buy.	-0.4284	0.34
2419	people sometimes forget that a company is just a group of people gathered together to make products. so long as it makes great products, it will have great value.	-0.4284	0.891
2420	@model3owners almost ready. we expanded the early access program to 1000 more users a few days ago.	-0.4284	0.2975
2421	@dailystem @lflemingedu @atkauffman @justinaglio @thetechrabbi @smgaillard @jsnhubbard @mrnavas @wickeddecent @gregkulowiec this is amazing <a href="https://t.co/znae8p2nhs">https://t.co/znae8p2nhs</a>	-0.4284	0.5859
2422	by revenue, taking publicly available selling prices, model 3 actually outsold camry by a factor of two <a href="https://t.co/1ztdk8hvjh">https://t.co/1ztdk8hvjh</a>	-0.4284	0
2423	@fcalcu @derekgumb @scobleizer @tesla @sec_enforcement exactly. short-sellers are value destroyers. should definitely be illegal.	-0.4284	0.128
2424	the last several years have taught me that they are indeed reasonably maligned	-0.4284	0
2425	what they do should be illegal	-0.4284	-0.5574
2426	@flintschools @muskfoundation you're most welcome. hope to do more to help in the future.	-0.4284	0.8225
2427	@erdayastronaut i hope to be less wrong over time	-0.4284	0.024
2428	@kishavanbhola @enn_nafnlaus @elonbachman there is no rational basis for a long holder to lend their stock to shorts, as it dilutes the shareholder base & gives the short a strong incentive to attack the company by whatever means possible, including regulators	-0.4284	0.4019
2429	@kishavanbhola @enn_nafnlaus @elonbachman where this breaks down is in passive index funds, which constitute most of the market. the holders of those funds, mostly small investors & retirement funds, don't realize that their stocks are being lent to short sellers, diminishing their true equity return.	-0.4284	0.5574
2430	@dlauer @kishavanbhola @enn_nafnlaus @elonbachman debatably true, if applied to individual stocks selectively & consciously, but obv false if applied broadly to most of the market & without clear consent of the shareholder	-0.4284	0.1571

2431	@annerajb @kishavanbhola @enn_nafnlaus @elonbachman the big funds can & will, as they're suffering a net loss. index managers like blackrock pocket make excessive profit from short lending while pretending to charge low rates for "passive" index tracking.	-0.4284	0.4215
2432	@annerajb @kishavanbhola @enn_nafnlaus @elonbachman the cio of a major pension fund is the one who deserves credit for uncovering this scam	-0.4284	-0.2732
2433	first falcon 9 land landing mission from vandenberg air force base in california coming up soon! <a href="https://t.co/q8d3mnrsnv">https://t.co/q8d3mnrsnv</a>	-0.4284	0
2434	@eugenegu rococo basilisk is	-0.4284	0
2435	@mgerrydoyle only if they're extremely tiny	-0.4284	0
2436	@model3owners v9 moving to wide release now. holding back autopilot drive on navigation for a few more weeks of validation. extremely difficult to achieve a general solution for self-driving that works well everywhere.	-0.4284	0.1548
2437	@mebfaber not all. however, shorting applied to market as a whole is obv net negative — it incents negative gdp! moreover, it stops private companies from going public, preventing access by retirement funds & small investors, thus increasing wealth divide. <a href="https://t.co/7jk2bs56hr">https://t.co/7jk2bs56hr</a>	-0.4284	-0.7003
2438	@mebfaber when something sounds too good to be true, it usually is. way the trick works is companies like blackrock keep up to 50% of short interest revenue, but suffer almost none of equity decline, as they're just "passive" managers. blackrock made \$597m in short lending last year!	-0.4284	0.8558
2439	@martyeuler @mebfaber fair point 😊	-0.4284	0.3182
2440	@jason @tesla actually, it's 1 of 3 forward cameras in rear view mirror assembly. external cameras will auto-activate in future if car is damaged while parked.	-0.4741	-0.4404
2441	blade runner — esper edition — vangelis <a href="https://t.co/diwsrmada0">https://t.co/diwsrmada0</a>	-0.4741	0
2442	@incentives101 @jason @tesla yes, but 🚗 in 🚗 that we're creating a generalized autonomy solution. must work in millions of strange 🚗 situations.	-0.4741	0.6597
2443	@asbjornld @martinengwicht @jason @tesla two — one for 🚗 🚗 millions of years from now and one for you	-0.4741	0
2444	sonic boom warning. this won't be subtle. <a href="https://t.co/wy7dn6bby1">https://t.co/wy7dn6bby1</a>	-0.4741	-0.34
2445	@crowarrior1978 my fav character	-0.4741	0.4588
2446	tesla owner shows how well ultrawhite seats hold up after 25,000 miles. the black & white interior is def best imo. <a href="https://t.co/vwq8x8jhyf">https://t.co/vwq8x8jhyf</a>	-0.4741	0.743
2447	falcon has landed <a href="https://t.co/joqphus1ao">https://t.co/joqphus1ao</a>	-0.4741	0
2448	(credit @_tomcross_) <a href="https://t.co/zsrrvy2ids">https://t.co/zsrrvy2ids</a>	-0.4741	0.3818
2449	<a href="https://t.co/kb6rbscyyh">https://t.co/kb6rbscyyh</a>	-0.4741	0
2450	the physics of how tesla achieved best safety of any cars ever tested. note, when vehicle weight is taken into account, order is more like x,s, then 3, but they are all very close. <a href="https://t.co/hqz0hnelp2">https://t.co/hqz0hnelp2</a>	-0.4741	0.8591
2451	@jonostrower warms my 🌏 😊	0.1024	0
2452	@justinemusk you're most welcome, glad i could be helpful! thanks for letting me know about it.	0.1024	0.8934
2453	a reminder of why it's important to accelerate advent of cars powered by electricity made from solar power <a href="https://t.co/sbjszoef4c">https://t.co/sbjszoef4c</a>	0.1024	0.2023
2454	@davidquearney you are right	0.1024	0
2455	@wonderofscience it sure does. very reliable.	0.1024	0.3182
2456	@fredericlambert no such thing as a "full refresh" at tesla or even a model year. our cars are partially upgraded every month as soon as a new subsystem is ready for production. there is no cadence.	0.1024	0.3612
2457	@mvolpe because 11 is obviously louder than 10 😊	0.1024	0
2458	@snowsnowsnow @mvolpe we'd be nothing without our fans	0.1024	0
2459	@thomaspower @mvolpe punctuality is not my strong suit	0.1024	0.5106
2460	studebaker museum in south bend <a href="https://t.co/odti9y0mcc">https://t.co/odti9y0mcc</a>	-0.3092	0
2461	at falcon lz-1 vandenberg on sunday night with the base commander. support of @usairforce much appreciated. <a href="https://t.co/76vsbkcn6n">https://t.co/76vsbkcn6n</a>	-0.3092	0.7184
2462	@financialtimes this is incorrect	-0.2487	0
2463	@teslany @insideevs @tesla exactly. a tesla is objectively much safer in a crash than all other cars, according to nhtsa's *own* calculations. this is just physics!	-0.1642	0.0258
2464	@insideevs @teslany @tesla yes, it's hard to find. not sure why.	-0.1642	0.5574
2465	@mhmtkcn @tesla beautiful picture	-0.1642	0.5994
2466	teslaquila coming soon ... <a href="https://t.co/atovgotvvr">https://t.co/atovgotvvr</a>	-0.1642	0
2467	visual approximation <a href="https://t.co/smn3pv476y">https://t.co/smn3pv476y</a>	-0.1642	0
2468	tesla exists to help reduce risk of catastrophic climate change, which affects all species on earth. even if your faith in humanity is faltering, this is worth caring about. support makes a difference. thank you.	-0.1642	0.8591
2469	@technosucks yes	-0.1642	0.4019
2470	@yousuck2020 maybe wise to bring it just in case 🚗 🚗 😊	-0.0904	0.4767

2471	@ckharrison10 @yousuck2020 comes with free towels. nothing more useful in the entire universe.	-0.0904	0.2249
2472	@thingswork wow, mechanical logic gates	-0.0904	0.5859
2473	@mrtoomycampbell @tesla whole beer keg fits in model 3 trunk!	-0.0904	0
2474	@vicentes @mrtoomycampbell @tesla good idea!	-0.0904	0.4404
2475	@nikkoman82 @fiquett @yousuck2020 towelie ❤️	-0.0904	0
2476	@sofiaan @vicentes @mrtoomycampbell @tesla maybe this could be part of a (safe) car version of pokémon go style game	-0.0904	0.4404
2477	love your name <a href="https://t.co/fru7ntwnml">https://t.co/fru7ntwnml</a>	-0.0904	0.6369
2478	@stephanieeeeej great. also love princess mononoke.	-0.0904	0.8519
2479	@surudenise nerv	-0.0904	0
2480	it is time to create a mecha	-0.0904	0.2732
2481	@cleantechnica thanks for recognizing the great work of the tesla team! 45,000 people now.	-0.0904	0.7906
2482	@ttfue yes	-0.0904	0.4019
2483	@ttfue @tesla what are some of the most fun games we could have on a tesla? classic atari is just the start.	-0.0904	0.5106
2484	❤️ ❤️ ❤️ ❤️ 🚗 🚗 🚗 ❤️ ❤️ ❤️ ❤️ <a href="https://t.co/iiiwjhkils">https://t.co/iiiwjhkils</a>	-0.0904	0
2485	@alguiretim @tesla haha. it is actually my fav game on tesla cars right now 😊	-0.0904	0.7184
2486	@electrekco @fredericlambert still a long way to go	0.1822	0
2487	@electrekco @fredericlambert this is without the tesla nn computer. per my public comments, that will give the car an extra order of magnitude.	0.1822	0
2488	@electrekco @fredericlambert to be clear, actual nn improvement is significantly overestimated in this article. v9.0 vs v8.1 is more like a ~400% increase in useful ops/sec due to enabling integrated gpu & better use of discrete gpu.	0.1822	0.9349
2489	@smilesimplify @j_brorsson @electrekco @fredericlambert ~6 months before it is in all new production cars. no change to sensors. this is simple replacement of the autopilot computer. will be done free of charge for those who ordered full self-driving.	0.1822	0.5106
2490	@smilesimplify @j_brorsson @electrekco @fredericlambert i believe it's \$5k	0.1822	0
2491	@jacksmacintosh @smilesimplify @j_brorsson @electrekco @fredericlambert the fsd upgrade is the tesla computer with our nn chip	0.1822	0
2492	@id_aa_carmack thanks john, really admire you too! i think you're one of the best engineers ever. hope you return to working on rockets one day.	0.1822	0.8824
2493	insightful article by david @pogue <a href="https://t.co/yo9sputm8i">https://t.co/yo9sputm8i</a>	-0.3679	0
2494	same goes for all countries within which we officially operate by end of next year	-0.3679	0
2495	@ajmarquez true, but this will improve dramatically over next several months & all tesla cars ever produced (except early roadsters) will get improvements for free. continuous, free over-the-air software updates is a big part of why a tesla retains so much value over time.	-0.3679	0.9432
2496	@smeranda yes, aiming for next few months	-0.3679	0.4019
2497	@erdayastronaut @smeranda new summon will use the autopilot cameras	-0.3679	0
2498	@j_brorsson @smeranda yes 😊	-0.3679	0.4019
2499	special circumstances <a href="https://t.co/kk36qj6xjt">https://t.co/kk36qj6xjt</a>	-0.2445	0.4019
2500	tomorrow brings a lemur <a href="https://t.co/rm6s17h35q">https://t.co/rm6s17h35q</a>	-0.2445	0
2501	you'll see	-0.2445	0
2502	@3x10power8 y	-0.2445	0
2503	dog saves her puppies <a href="https://t.co/czpviewpphi">https://t.co/czpviewpphi</a>	-0.2981	0
2504	love the reddit comments too	-0.2981	0.6369
2505	@ivanescobosa week or two	-0.2981	0
2506	just released lower cost, mid-range tesla model 3 & super simple new order page <a href="https://t.co/cz0tqn7ioz">https://t.co/cz0tqn7ioz</a>	-0.2981	0.4019
2507	@dannymekic it's a long range battery with fewer cells. non-cell portion of the pack is disproportionately high, but we can get it done now instead of ~february	-0.2981	0
2508	tesla rear wheel drive cars do actually work well on snow & ice. we did our traction testing on an ice lake! dual motor awd is great, but not required for cold weather. just don't use sport/summer tires.	-0.2981	0.7351
2509	@dennishegstad it's kind of like the post office. same price for delivery to maine as the sf bay area. but you do get a free tesla factory tour, which is really fun to see.	-0.2981	0.9152
2510	model 3 long range, rear wheel drive is still available for ordering off menu for another week or so	-0.2981	0
2511	@planet4589 if you don't like a tesla for any reason or no reason, you can just give it back for a full refund	-0.2981	0.3612
2512	@newscientist i hope this is true!	-0.2981	0.6908
2513	had to been done ur welcome <a href="https://t.co/7jt0f9lqis">https://t.co/7jt0f9lqis</a>	-0.0974	0.4588
2514	@okchaserthunder that's next	-0.0974	0
2515	@newtling no	-0.0974	0

2516	@braden_holtgod coming soon	-0.0974	0
2517	@tsm_myth online doesn't count	-0.0974	0
2518	@fortnitegame reality is hard	-0.0974	-0.1027
2519	@nynex yes	-0.0974	0.4019
2520	@annerajb @nynex coming	-0.0974	0
2521	@justin_horn @nynex exactly	-0.0974	0
2522	@annerajb @nynex maybe phone as controller	-0.0974	0
2523	@boredelonmusk no, bored me, i will not	-0.0974	-0.2732
2524	@boredelonmusk boredelonmusk is my secret troll account. it's time people knew.	-0.0974	0
2525	@janeidyeve @boredelonmusk would i really let someone get away with using my name all this time?	-0.0974	0
2526	@boredelonmusk digital style! <a href="https://t.co/abkfpz6tvt">https://t.co/abkfpz6tvt</a>	-0.0974	0
2527	@williamshatner @spacex ❤	-0.0974	0
2528	@grobichaux turn on enhanced security via the settings page. this will require entering a passcode to use the car.	-0.0974	0.34
2529	@alexsafahi coming soon	-0.0974	0
2530	@erdayastronaut @tesla @kerbalspacep this game is my personal favorite, but i am biased towards space stuff	-0.0974	0.4588
2531	@davidjfrankel good idea!	-0.0974	0.4404
2532	twitter is dark souls of social media. reddit is bloodborne. insta is zelda.	-0.0974	0
2533	@grimezs n00b!	-0.0974	0
2534	the first tunnel is almost done	-0.0974	0
2535	opens dec 10	-0.0974	0
2536	@vikrantsingh i think real	-0.0974	0
2537	@pkmmasterholly pretty close, actually	-0.0974	0.4939
2538	@nextspaceflight @erdayastronaut 155 mph   250 km/h	-0.0974	0
2539	@nextspaceflight @erdayastronaut under la (hawthorne)	-0.0974	0
2540	@nextspaceflight @erdayastronaut this is a ~ 6000 ft demo tunnel. first operational, high-speed tunnel still set for chicago, pending regulatory approvals.	-0.0974	0
2541	@mayemusk @cleantechnica @nytimes @tesla @businessinsider @business @thestreet @cnbc @forbes interesting	-0.0974	0.4019
2542	@erdayastronaut @nextspaceflight good point ...	-0.0974	0.4404
2543	@km1313 hopefully, a few months for drive on navigation capability. we need to address differences in how lane lines are painted. varies greatly by country.	0.6984	0.4019
2544	@migueldeicaza will be in next point release	0.6984	0
2545	@fredericlambert former	0.6984	0
2546	order tesla without test drive & you get 3 days to return for refund, else 1 day <a href="https://t.co/frhlab7qsj">https://t.co/frhlab7qsj</a>	0.6984	0
2547	i ❤ anime	0.6984	0
2548	@kirinodere <a href="https://t.co/2exdo1hoks">https://t.co/2exdo1hoks</a>	0.6984	0
2549	and i own a chibi wolverine	0.6984	0
2550	@vicentes @grimezs wanna buy some bitcoin? 😊😊 <a href="https://t.co/9zbbj5fuvq">https://t.co/9zbbj5fuvq</a>	0.6984	0
2551	@jeanrodriguez3 that is correct	0.6984	0
2552	@vicentes working on it	0.6984	0
2553	@cleantechnica model 3 body design could def be less complex, but, yes, most of weight difference is due to higher safety vs other cars	0.6984	0.6395
2554	to simplify production, many tesla model s & x interior configs, will no longer be available after nov 1. order now to be sure of the one you want.	0.6984	0.3818
2555	get this question a lot, so need to clarify that there's no such thing as a tesla "refresh". other car companies do this every ~3 years, but tesla constantly upgrades vehicle hardware every week.	0.6984	0
2556	@fredericlambert only thing almost anyone would notice is the nose	0.6984	0
2557	@houmanhemmati @fredericlambert there have been hundreds of improvements to fit & finish over the years, but no major step change in this regard. seats, especially, are dramatically better now than in the past.	0.6984	0.7893
2558	@martyhungerford around mid 2019	-0.1568	0
2559	how'd they know?! <a href="https://t.co/azh4eorgmc">https://t.co/azh4eorgmc</a>	-0.1568	0
2560	@kevinjawbreaker 2025	-0.1568	0
2561	@mikearildbrown @martyhungerford same	-0.1568	0
2562	@cleantechnica model 3 was top-selling car in us by revenue despite no advertising, no paid endorsements & no discounts. competitors spent billions on marketing. model 3 was product alone.	-0.1568	-0.0516
2563	fresh puro from my meme dealer <a href="https://t.co/edu5ujvvne">https://t.co/edu5ujvvne</a>	-0.1568	0.3182
2564	😺 in 🐱	-0.1568	0

2565	send me ur dankest memes!!	-0.1568	0
2566	not moths tho	0.4097	0
2567	@endyo_then the hell with science!	0.4097	-0.6808
2568	my twitter feed rn <a href="https://t.co/48ay7cxr56">https://t.co/48ay7cxr56</a>	0.4097	0
2569	@pewdiepie midnight	0.4097	0
2570	@moder3owners love tesla supporters so much!! 	0.4097	0.7964
2571	time	0.4097	0
2572	@gounther_yes	0.4097	0.4019
2573	@swifttonsecurity bound to happen	0.4097	0
2574	@newyorker love the concorde	0.4097	0.6369
2575	flies like an arrow, but fruit flies like a banana	0.4097	0.6124
2576	fire and ice <a href="https://t.co/ulgsz1wlpl">https://t.co/ulgsz1wlpl</a>	0.4097	-0.34
2577	@elduderinogg ok	0.4097	0.296
2578	deep down, i think frost secretly preferred the latter	0.4097	0
2579	@jameslandino it's pretty hot	0.4097	0.4939
2580	@jameslandino im actually cat girl here's selfie rn <a href="https://t.co/2h4weuwepe">https://t.co/2h4weuwepe</a>	0.4097	0
2581	i said dankest not darkest omg	0.4097	0
2582	making progress ...	0.4097	0.4215
2583	@cateluvslondon yes, i am a little girl. ok, not that little. or a girl.	0.4097	0.5606
2584	@ianelantzy @sec_enforcement sir, i would never ...	0.4097	0
2585	@zorbrix @jameslandino yes zorbix	0.4097	0.4019
2586	@rstefani11 @tesla taking action. tesla body shops now operating in california aiming for same day body repair in most cases.	0.4097	0
2587	@eifiea @ianelantzy @sec_enforcement i wish	0.4097	0.4019
2588	@mcjamez @tesla clearly, you're not reading my twitter	0.4097	0.4019
2589	@bosterogriego @tesla @mayemusk @wsj good question	0.4097	0.4404
2590	@scr00chy @mcjamez @tesla hey that's my halloween costume!	0.4097	0
2591	@popularethics @tesla s is better, but rear seat folds down in model 3, so bikes can fit in trunk	-0.1590	0.6597
2592	glad you're ok @tylerthecreator <a href="https://t.co/ie4ybmw0tw">https://t.co/ie4ybmw0tw</a>	-0.1590	0.6369
2593	on twitter, likes are rare & criticism is brutal. so hardcore. it's great.	-0.1590	-0.0258
2594	@factsdatatruth @tesla you're right. earlier model 3 performance buyers got free lifetime supercharging. will add that to anyone who bought recently.	-0.1590	0.5106
2595	@mcgilligan exactly	-0.1590	0
2596	@somegrayareas @reddit @twitter reddit's twitter account is lame, because it's not real reddit	-0.1590	-0.4215
2597	@nichegamer @raissabontempo @somegrayareas @reddit @twitter reddit is massive, but def has gems	-0.1590	0
2598	@digitaldunzey on insta, 10% of followers like even lame posts. on twitter, good posts get 1%.	-0.1590	0.3818
2599	@fb1975 @digitaldunzey haha	-0.1590	0.4588
2600	@sheldonth @factsdatatruth @tesla not exactly. we just bundled the upgrade package into performance. no problem if you want to return the car, but i think lifetime free supercharging is a good deal.	-0.1590	0.5859
2601	tesla autopilot drive on navigation going to wide release in north america tonight	-0.1590	0
2602	@vincent13031925 @cleantechnica @cnbc @businessinsider @business @wsj @teslarati @insideevs true	-0.1590	0.4215
2603	@yames51 @digitaldunzey worth it	-0.1590	0.2263
2604	@mangehdbackup isn't it obvious?	-0.1590	0
2605	@pj_knowles @yames51 @digitaldunzey no, but i will	-0.1590	0
2606	@officialjaden yes. will require tapping indicator to confirm at first. when safety looks good after 10m miles of driving or so, there will be an option to turn off confirm.	-0.1590	0.8126
2607	@annerajb @fredericlambert @pj_knowles @yames51 @digitaldunzey exactly. that's monday.	-0.1590	0
2608	@fredericlambert didn't you get free supercharging for life? current buyers don't get that.	-0.1590	0.5106
2609	@ctgm @fredericlambert yeah, or free lifetime supercharging, whichever you prefer	-0.1590	0.6705
2610	@rtk86 @sheldonth @factsdatatruth @tesla ok, we will turn off lifetime free supercharging and give you \$5k refund	-0.1590	0.6705
2611	@sk2sno @rtk86 @sheldonth @factsdatatruth @tesla we will enable track mode for all performance cars	-0.1590	0

2612	@cgasparino @tesla exactly, this is total bs. what part of “production hell” sounds like a sure thing!?	-0.1590	-0.2023
2613	@lindowitz @fredericlambert it’s a reasonable criticism. we wanted to make the awesome version of model 3 performance more affordable, but it was arguably too much too soon. taking corrective action ...	-0.1590	0.0516
2614	@model3owners not going up. we will just offer those who ordered bought 3p either \$5k back or free lifetime supercharging.	-0.1590	0.5106
2615	@cgasparino @tesla the foia on this will be solid gold. can’t wait.	-0.1590	0.1531
2616	@snazzyq @fredericlambert don’t worry, we’ll make it right	-0.1590	-0.4404
2617	@snazzyq @fredericlambert signing off twitter for a few days ...	-0.1590	0
2618	deleted my tesla titles last week to see what would happen. i’m now the nothing of tesla. seems fine so far.	-0.1590	-0.1511
2619	@fredericlambert good point, might put that one back	-0.0725	0.4404
2620	legally required officers of a corporation are president, treasurer & secretary. guess i have to keep 1st one or it will confuse the authorities.	-0.0725	0
2621	@rarelyserious @tesla cool haha	-0.0040	0.6486
2622	@rarelyserious @tesla for those unfamiliar, this uses tesla autopark/summon. slightly smarter version hopefully ready soon. by next year, a tesla should be able to drive around a parking lot, find an empty spot, read signs to confirm it’s valid & park.	-0.0040	0.7044
2623	scientists uncover sneaky move by gm <a href="https://t.co/fuynq0o0bo">https://t.co/fuynq0o0bo</a>	-0.0040	-0.2263
2624	tesla advanced summon ready in ~6 weeks! just an over-the-air software upgrade, so will work on all cars made in past 2 years (autopilot hardware v2+).	0.0199	0.5423
2625	also, you’ll be able to drive it from your phone remotely like a big rc car if in line of sight	0.0199	0.3612
2626	@wordcipher maybe ai will make me follow it, laugh like a demon & say who’s the pet now ...	0.0199	0.3612
2627	@rivatez um yes	0.0199	0.4019
2628	@raxetul we can make it work from very far away. los is just for safety.	0.0199	0.4215
2629	@glamandgore <a href="https://t.co/l8kmdoljkz">https://t.co/l8kmdoljkz</a>	0.0199	0
2630	@vaipier long-term, the car will work purely on vision, with radar just a plus, but maybe worth adding a radar heater anyway	0.0199	0.4404
2631	@insideevs @tesla #’s r wrong, but 🐶 in 🚗 tesla makes 🚗 s 4 overseas & east coast in 1st half of quarter	0.0199	-0.4767
2632	@teslamotorsclub ❤️ norway NO	-0.0503	0
2633	@mikekasprzik aiming for next week	-0.0503	0
2634	bring me the horizon <a href="https://t.co/scqpeofnpg">https://t.co/scqpeofnpg</a>	-0.0503	0
2635	@chipdtooth haha	-0.0503	0.4588
2636	@amazlnature cute	-0.0503	0.4588
2637	@veldeth_ @amazlnature v true	-0.0503	0.4215
2638	@lsutgr @karaswisher @recode @dmc_ryan prob 2 to 3 weeks	-0.0503	0
2639	@teslarati amazing results by @panasonic at tesla gigafactory nevada! very much appreciate extreme hard work it took to achieve this result. together with pana japan cell plants, tesla/pana partnership is producing ~60% of global ev battery output!	-0.0503	0.7269
2640	@vincent13031925 @teslarati @panasonic tesla will manufacture all battery modules & packs at china giga, as we do today in california & nevada. cell production will be sourced locally, most likely from several companies (incl pana), in order to meet demand in a timely manner.	-0.0503	-0.128
2641	@vincent13031925 @teslarati @panasonic to clarify further, the long-term goal for tesla mass market products is local production for local markets (at least at the continent level). this is critical to make pricing as affordable as possible.	-0.0503	-0.3182
2642	@annerajb @vincent13031925 @teslarati @panasonic recently asked service team to expand locations to all population regions (not just major metros) in north america, eastern europe, china & japan by end of next year. we are completely missing vast geographic regions in some cases.	-0.0503	-0.0498
2643	@annerajb @vincent13031925 @teslarati @panasonic hopefully, partial presence in india, africa & south america end of next year, with broader expansion in 2020	-0.0503	0.4019
2644	@dathandsomejerk @vincent13031925 @teslarati @panasonic aspirationally, they will be made to the exact same specification, but we can vary cell quantity to account for empirical variation	-0.0503	0
2645	@annerajb @vincent13031925 @teslarati @panasonic definitely	-0.0862	0.4019
2646	@scobleizer @tesla they’re great! honored to work with them.	-0.0862	0.836
2647	star wars only had an \$11m budget. must have been in the galaxy of ridiculously low budgets. <a href="https://t.co/gcrl2un7j7">https://t.co/gcrl2un7j7</a>	-0.0862	-0.6908
2648	although it was in the precambrian era	-0.0862	0
2649	when the only existing life was a sponge	-0.0862	0
2650	first movie i ever saw in theaters	-0.0862	0
2651	@trobpu @tesla haha	-0.0862	0.4588
2652	i remember when i was a sponge. simpler times they were.	-0.0862	0
2653	kids these days have it easy	-0.0862	0.4404

2654	@bonnienorman wow that's cool!	-0.0862	0.7269
2655	@nicegamer sea sponge. humans would later use our bodies to clean dishes. so humiliating.	-0.0862	0.4019
2656	we didn't even have kids back then. just little sponges.	-0.0862	0
2657	@tylerglaiel yes, that is how	-0.0862	0.4019
2658	@vampybitme fair	-0.0862	0.3182
2659	@andrewfazzolare @tylerglaiel bikini bottom	-0.0862	0
2660	@_dionnaleo @couragejd what is love?	-0.0862	0.6369
2661	walked full length of boring co tunnel under la tonight. disturbingly long. on track for opening party dec 10. will be very one-dimensional.	-0.0862	0.1027
2662	@mactechgenius ok	-0.0862	0.296
2663	@nicegamer @candiceruizy ok	-0.0862	0.296
2664	so underappreciated	-0.0862	0
2665	<a href="https://t.co/xgj4bc6hpl">https://t.co/xgj4bc6hpl</a>	-0.0862	0
2666	@samsheffer just a few mins, which is mostly accelerating & decelerating	-0.0862	0
2667	@martinengwicht @dathandsomejerk @vincent13031925 @teslarati @panasonic yes, germany has outstanding engineering talent	-0.0862	0.8591
2668	oh hi guys ... lol <a href="https://t.co/tx10i0ecrn">https://t.co/tx10i0ecrn</a>	-0.0636	0.4215
2669	remember the future	-0.0636	0
2670	love oumuamua jokes	-0.0636	0.7351
2671	2b or !2b	-0.0636	0
2672	@bri_the_cheesy true	-0.0636	0.4215
2673	@thescalex i am not	-0.0636	0
2674	foundation of psychohistory	-0.0636	0
2675	zeroth law	-0.0636	0
2676	@benioff @boringcompany sure, we can do it	-0.0636	0.3182
2677	<a href="https://t.co/gt8pxlomzn">https://t.co/gt8pxlomzn</a>	-0.0064	0
2678	i think twitter is deleting fake, scam or maybe even inactive accounts. my follower count decreased by ~20k over the past few days.	-0.0064	-0.7783
2679	@benioff @boringcompany la/hawthorne demonstration tunnel activates dec 10. runs parallel to 105 freeway from crenshaw blvd to 405.	-0.0064	0.0516
2680	but comments are 🤦	-0.0064	0
2681	mod to spacex tech tree build: falcon 9 second stage will be upgraded to be like a mini-bfr ship	-0.0064	0.3612
2682	@annerajb aiming for orbital flight by june	-0.0064	0
2683	@erdayastronaut @annerajb no, we're building a bfr dev ship to do supersonic through landing tests in boca chica, texas	-0.0464	0
2684	@tesla would like to thank robyn for joining the team. great respect. very much look forward to working together.	-0.0464	0.9042
2685	@erdayastronaut @tesla yes	-0.0744	0.4019
2686	@tesla with similar track wheels/tires/brakes, model s p100d is faster	-0.0744	0
2687	@exzacklyright @mkbhd @austinnotduncan @tesla cool	-0.0744	0.3182
2688	please lmk what you'd most like improved/fixed about your tesla. thanks!	-0.0744	0.8689
2689	@mihk101 agreed, top priority for autopilot team. being cautious for max safety.	-0.0744	0.6486
2690	@tizmagik @teslasupport fair point, will reenable	-0.0744	0.3182
2691	if tesla can help people in california wildfire, please let us know. model s & x have hospital grade hepa filters. maybe helpful for transporting people.	-0.4481	0.7783
2692	@jackcydia good, but not hospital grade. s & x were designed to be proof against an actual bioweapon attack. requires a giant filter with separate acid & alkaline gas neutralization layers. not enough room in model 3.	-0.4481	-0.0516
2693	@zandywithaz because people on the ground know more about what's actually needed than politicians do	-0.4481	0
2694	we know we'll run out of dead dinosaurs to mine for fuel & have to use sustainable energy eventually, so why not go renewable now & avoid increasing risk of climate catastrophe? betting that science is wrong & oil companies are right is the dumbest experiment in history by far ... <a href="https://t.co/tvyudbf3lr">https://t.co/tvyudbf3lr</a>	-0.4481	-0.8625
2695	@seangvarney that is true & should be applauded. right move is for oil companies truly to think of themselves as energy companies, but move rapidly towards clean, sustainable energy. means lower profits short-term, but will make them stronger long-term.	-0.4481	0.9313
2696	makes me so mad when smart, ethical scientists i know are accused of publishing climate papers for "grant money". they earn 💸 vs their other opportunities, but give that up to help world. but their accusers make billions by slowing down clean energy. which is more credible?	-0.4481	0.7184
2697	@keniacovara agreed, technically, mined hydrocarbons come primarily from ancient, decayed marine organisms & partially from geological processes (ch4 particularly)	-0.4481	0.2732

2698	@karaswisher scary sign of times to come. it will get worse.	-0.4481	-0.4767
2699	it naturally follows that a hotter system will have more energetic events. for example, as a pot of water becomes colder, it becomes inert ice, but heating a pot of water turns it into a steam boiler. <a href="https://t.co/grpj5uas0n">https://t.co/grpj5uas0n</a>	-0.4481	0
2700	@_sheateher @malibuwine is he ok?	-0.4481	0.296
2701	congratulations @spacex team! thanks @nasa, much appreciated. <a href="https://t.co/6aiwbh8f6v">https://t.co/6aiwbh8f6v</a>	-0.0781	0.8779
2702	@nextspaceflight @spacex @nasa will try again next month	-0.0781	0
2703	@mackenzietulip @nextspaceflight @spacex @nasa yes	-0.0781	0.4019
2704	@nichegamer would be fun to add to tesla	-0.0781	0.5106
2705	@nichegamer send me a note!	-0.0781	0
2706	@jimmyzhong_iost @spacex easily accessible energy	-0.0781	0.5423
2707	@garos82 @nichegamer that would be awesome	-0.0781	0.6249
2708	@insideevs we will fight big tequila!	-0.0781	-0.3818
2709	tesla just acquired trucking capacity to ensure model 3 can be delivered in us by dec 31 if ordered by nov 30 <a href="https://t.co/npppusxnwc">https://t.co/npppusxnwc</a>	0.0203	0.3818
2710	skipping rail saves over a month for east coast deliveries. all things considered, it's better to use trucks. single load/unload & direct to owner location.	0.0203	0.4404
2711	@victorpoughon probably technically able to do so in about a year. then up to regulators.	0.0203	0
2712	will also be using dedicated roll-on, roll-off fast ships for transporting cars to europe & asia in q1. major focus on minimizing time from factory to new owner. did not fully appreciate the working capital impact until recently.	0.0203	0.7178
2713	@madera_raul yes	0.0203	0.4019
2714	@vincent13031925 probably some deliveries in march, but april is more certain	0.0203	0.2732
2715	@techdeals_16 we have to truck to departure rail head & truck from arrival rail head, which is usually from customers. car gets moved around rail yard a lot too & trains don't leave often.	0.0203	-0.0516
2716	not much but it is ours <a href="https://t.co/gx2l84m3f7">https://t.co/gx2l84m3f7</a>	0.0203	0
2717	um, that is not our castle. i just found a picture on the internet.	0.0203	0
2718	fortnite irl	0.0203	0
2719	@theandwee watchtower (feat. knight) will be at la/hawthorne tunnel entrance	0.0203	0
2720	\$5 per min to argue with knight. \$12 for 3 min bulk discount.	0.0203	0
2721	@_tomcross_ @spacex haha 😊	0.0803	0.4588
2722	sure hope this isn't true. it is the non-linearities, such as siberian permafrost melting or ocean currents changing, that are most difficult to predict. <a href="https://t.co/k0eszdzhwr">https://t.co/k0eszdzhwr</a>	0.0803	0.6705
2723	@boristheblade02 @kiwiev china, especially, is doing an amazing job moving towards sustainable energy generation & transport	0.0803	0.7346
2724	listening to better now <a href="https://t.co/vycklwkrta">https://t.co/vycklwkrta</a>	-0.1611	0.4404
2725	@nichegamer @postmalone missed miku concert sigh	-0.1611	-0.2732
2726	boring company just broke through the other side!! <a href="https://t.co/4yxqgppvfz">https://t.co/4yxqgppvfz</a>	-0.1611	-0.6249
2727	<a href="https://t.co/tqhb9hqrq">https://t.co/tqhb9hqrq</a>	-0.1611	0
2728	congratulations @boringcompany on completing the la/hawthorne tunnell! cutting edge technology! <a href="https://t.co/80wbsqekcq">https://t.co/80wbsqekcq</a>	-0.1611	0.5994
2729	set air flow to recirculating mode & manually raise blower speed to 5 in model 3 for best air quality. air filters are smaller than s/x, so clear air is achieved by circulating through filter several times. <a href="https://t.co/vqccrwzgmc">https://t.co/vqccrwzgmc</a>	-0.1611	0.7783
2730	@annerajb it will alert tesla service automatically as fan power required to achieve target pressure drop exceeds spec level	-0.1611	0.0516
2731	btw, spacex is no longer planning to upgrade falcon 9 second stage for reusability. accelerating bfr instead. new design is very exciting! delightfully counter-intuitive.	-0.1611	0.4939
2732	@frameshiftshark radical change	-0.1611	0
2733	@frameshiftshark yes, no upgrades planned for f9. minor tweaks to improve reliability only, provided nasa & usaf are supportive.	-0.1611	0.7783
2734	@willfealey ideal situation in breakdown/accident (assuming no injuries) is that tesla arrives at scene fast with top-of-the-line service loaner	-0.1611	0.2732
2735	@jsteinerman haha, just like super troopers	-0.1611	0.8555
2736	@stars4a_amy yeah, good idea. we have that state internally, so can push data to phone app.	-0.1611	0.6249
2737	@ajaotj36 no, but perhaps in a few years	-0.1611	0
2738	@willfealey not everywhere, but should be possible around major metros. parts supply chain to uk should be fixed. lmk if not.	-0.1611	0
2739	@lion_lifer tesla can provide heating/cooling/lights/music for days using battery	-0.1611	0
2740	@vincent13031925 @jsteinerman probably mid 2019	-0.1611	0
2741	@willfealey investigating	-0.1611	0
2742	@scaleymurrsuit maybe interesting to work with daimler/mercedes on an electric sprinter. that's a great van. we will inquire.	-0.1611	0.7783

2743	@frozencanuck @scaleymurrsuit ok	-0.1611	0.296
2744	@frozencanuck @scaleymurrsuit lot on our plate, so it's either get van gliders (no battery, powertrain or compute tech) from daimler & produce sooner or do all & produce later. not a big difference to total vehicles produced either way. priority list is model y, solar roof tiles, pickup, semi, roadster.	0.0129	0
2745	@tsrandall @frozencanuck @scaleymurrsuit what really matters is time to volume production, not initial market intro. apart from brief moments, tesla vehicle production is limited by total battery output.	0.0129	-0.1298
2746	@fredericlambert @frozencanuck @scaleymurrsuit in order of resource priority, but not necessarily production ramp, as that depends on thousands of parts & processes, which are extremely difficult to forecast	0.0129	-0.4201
2747	@scottymeuk @scaleymurrsuit no, it's got enough load capacity & volume to carry the battery pack & our current pack energy density is about double that of original roadster. still, it would probably only save about 30% to 40% of effort, all things considered.	0.0129	0.765
2748	tesla supercharger capacity will double by end of next year. expect to be within range of 95% to 100% of population in all active markets.	0.0129	0.4019
2749	supercharger v3, which starts rolling out early next year, will also charge much faster	0.0129	0
2750	@yobigbrotha yes	0.0129	0.4019
2751	@universal_sci no, we're just going to accelerate bfr	0.0129	0
2752	renaming bfr to starship	0.0129	0
2753	technically, two parts: starship is the spaceship/upper stage & super heavy is the rocket booster needed to escape earth's deep gravity well (not needed for other planets or moons)	0.0129	0.7717
2754	@mwolman98 later versions will	0.0129	0
2755	@annerajb no, it's the first or boost stage, analogous to, but much larger than falcon 9	0.0129	0.4019
2756	@model3owners should be next week	-0.3793	0
2757	@wiredprairie @tesla shifting resources from sales to service for next several days	-0.3793	0
2758	@speceye @tesla coming soon	-0.3793	0
2759	@fredericlambert @speceye @tesla good idea	-0.3793	0.4404
2760	if you don't want a tesla, here's a list of all electric cars in north america <a href="https://t.co/phhbjch2yi">https://t.co/phhbjch2yi</a> via @cleantechnica	-0.2831	0.0772
2761	@malcolmmarsman contour remains approx same, but fundamental materials change to airframe, tanks & heatshield	0.3477	0
2762	@jessedh @tesla yeah, good idea to offer that as a setting	0.3477	0.6249
2763	@worldandscience earth should be called water. our surface is 71% water. mars land area is roughly equal to earth, as it's all land. even when warmed up & water ice turns liquid, mars will be about 2/3 land.	0.3477	0
2764	@worldandscience earth's crust is only ~1% of earth mass, so technically we should be called lava <a href="https://t.co/lm6doeoq2x">https://t.co/lm6doeoq2x</a>	0.3477	0
2765	earth is	0.3477	0
2766	♥ trouble	0.3477	-0.4019
2767	@zedd not yet	0.3477	0
2768	used to live in silicon valley, now i live in silicone valley	0.3477	0
2769	@playerunknown ah yes fair point	0.3477	0.6124
2770	for those worried about running out of fresh water, it may help to know that desalination only costs 0.1 cents per liter or half a cent per gallon	0.3477	0.4215
2771	@forummp3 1000 liters of pure water costs \$1	0.3477	0
2772	@swiftonsecurity 😊 😊	0.3477	0
2773	@nasa @nasainsight congratulations! what an amazing track record of success with mars!	-0.0250	0.9081
2774	join to create exciting new worlds of technology!! if getting things done matters to you, then @spacex, @tesla, @boringcompany & @neuralink are the places to be. <a href="https://t.co/p9dezp02cz">https://t.co/p9dezp02cz</a>	-0.0250	0.765
2775	there are way easier places to work, but nobody ever changed the world on 40 hours a week	-0.0250	0.4215
2776	@margrethmpossi varies per person, but about 80 sustained, peaking above 100 at times. pain level increases exponentially above 80.	-0.0250	-0.5106
2777	but if you love what you do, it (mostly) doesn't feel like work	-0.0250	0.7717
2778	@jonkudelka touché	-0.0250	0
2779	@anandmahindra engineers, artists & creators of all kinds. there is so much to build.	-0.0250	0
2780	@yobigbrotha @anandmahindra 7 to 10 years	-0.0250	0
2781	@shell tiny wizard 🦸	-0.0666	0
2782	cool! actually, if you buy a tesla without a test drive, you have 3 days to return it. if you buy after a test drive, you still have 24 hours. trying to incent buying with no test drive. <a href="https://t.co/o2dd5bgxrz">https://t.co/o2dd5bgxrz</a>	-0.2223	0.3182
2783	@nbcnews this is completely backwards. based on what we've learned from the hawthorne test tunnel, we're moving forward with a much larger tunnel network under la. won't need a second test tunnel under sepulveda.	-0.2223	0

2784	@poeticzay yes	-0.2223	0.4019
2785	@prades_maxime software upgrade to rain sensing neural net coming next month	-0.2223	0
2786	super fun software easter eggs coming to all tesla s/3/x cars before the holidays! romance mode, toilet humor & more video games.	-0.2223	0.9382
2787	@arnaoutshady never heard of it	-0.2223	0
2788	@gwestr haha kinda true 😊	-0.2223	0.6712
2789	@racchava @gwestr that would be cool	-0.2223	0.3182
2790	@rocketisfine @racchava @gwestr we tried. nintendo won't license it to us.	-0.2223	0
2791	after safety, our goal is to make a tesla the most fun you could possibly have in a car	-0.2223	0.7269
2792	@megnsander definitely	-0.2223	0.4019
2793	boring breakthrough @boringcompany <a href="https://t.co/psflhzadwc">https://t.co/psflhzadwc</a>	0.0725	-0.3182
2794	@natgeo sorry 😊	0.0725	-0.0772
2795	@teslaownerssv update soon	0.0725	0
2796	@highspeeddoc @boringcompany we're doing an eir for the greater la tunnel network. thought we might need a n-s test tunnel (hence sepulveda proposal), but we're just going to do rock core samples along that corridor instead.	0.0725	0.3612
2797	@tenser one day	0.0725	0
2798	@rainnwillson your tesla can function as a boat for brief periods of time <a href="https://t.co/fonhniiv8j">https://t.co/fonhniiv8j</a>	0.0725	0
2799	@spacexiaaunch @techreview @_karenhao both	0.0725	0
2800	♥️♥️♥️♥️♣️♣️♣️ https://t.co/ex8rpqdc8r	-0.1340	0
2801	@manic_marge @spacex true ♥️	-0.1340	0.4215
2802	@liketeslakim not worth going below 80% imo. even 90% is still fine. also, no issue going to 5% or lower soc.	-0.1340	0.128
2803	@pfierens @liketeslakim prof dahn is correct (he's great), but the relative benefit is small. i'd recommend 10% more soc for convenience.	-0.1340	0.8625
2804	@nichegamer haha	-0.1340	0.4588
2805	@erdayastronaut @spacex reentry scorchmarks, not simple soot. can't wipe it off.	-0.1340	0
2806	@zainraz4 @erdayastronaut @spacex no	-0.1340	0
2807	@picklepunchd @erdayastronaut @spacex no	-0.1340	0
2808	@dxx_ @zainraz4 @erdayastronaut @spacex three things, one of which is ch4	-0.1340	0
2809	@matzagatamd @tesla you got it!	-0.1340	0
2810	@johnkrausphotos incoming rocket & fairing probably visible, but landing itself is over the horizon	-0.1340	0
2811	@carpenter_maas as the battery warms up, almost all of that is recovered. there is a roughly 10% range loss for cabin heating. cabin heating impact on range is higher in slow traffic, but range is also higher in slow traffic.	-0.1340	-0.3182
2812	@carpenter_maas perhaps most telling is that norway, which is partly above the arctic circle, has more teslas per capita than any other country on earth.	-0.1340	0
2813	@nikesharora @tesla glad you're ok	-0.1340	0.6369
2814	@eesny @teslaownerssv @s100dfan applying a hydrophobic coating to the radar (located just below nose of car) should help. easy to do yourself or tesla service can do it. we're also working on vision-only driving.	-0.1340	0.765
2815	@bonnienorman @carpenter_maas good advice	-0.1340	0.4404
2816	@bonnienorman @tomb2192 @carpenter_maas ok	-0.1340	0.296
2817	none shall pass! <a href="https://t.co/rnxasgkmwz">https://t.co/rnxasgkmwz</a>	-0.1340	0
2818	@littlemissflint yes ... no ... maybe ...	-0.1340	0.4019
2819	@boringcompany you're all hired!	-0.1340	0
2820	@littlemissflint it is so hard to move in armor!	-0.1340	-0.1027
2821	@johnnacrider1 exactly. default autopilot behavior, if there's no driver input, is to slow gradually to a stop & turn on hazard lights. tesla service then contacts the owner. looking into what happened here.	-0.1340	-0.296
2822	@jennerator211 @ppathole @johnnacrider1 we're adding police car, fire truck & ambulance to the tesla neural net in coming months	-0.1340	-0.34
2823	64 satellites ✨ on this flight! <a href="https://t.co/yhbqif6wum">https://t.co/yhbqif6wum</a>	-0.1340	0
2824	falcon fairing halves missed the net, but touched down softly in the water. mr steven is picking them up. plan is to dry them out & launch again. nothing wrong with a little swim.	-0.1340	0.091
2825	@mattbeckman us too sigh	-0.0329	0.0258
2826	tracking shot of falcon water landing <a href="https://t.co/6hv2azhljm">https://t.co/6hv2azhljm</a>	0.0340	0
2827	@erdayastronaut @w00ki33 @teslarati as far as we know, it's the largest single piece titanium casting in the world. major improvement over the old aluminum grid fins, as the titanium doesn't need heat shielding or even paint.	-0.0045	0.4588
2828	@erdayastronaut @thegledinator @w00ki33 @teslarati the new design is metal	-0.0045	0
2829	@erdayastronaut @thegledinator @w00ki33 @teslarati fairly heavy metal, but extremely strong	-0.0045	0.5563

2830	@cleantechica interesting	-0.0045	0.4019
2831	@erdayastronaut @thegledinator @w00ki33 @teslarati yes	-0.0045	0.4019
2832	@erdayastronaut @thegledinator @w00ki33 @teslarati but cool pics of the demo starship that will fly suborbital hops coming in ~4 weeks	-0.0045	0.3182
2833	tesla history trivia: we didn't actually come up with the tesla motors name. bought trademark off brad siewert for \$75k in late 2004. he'd originally filed for it in 1994. our alternative name was faraday, which was used by a competitor several years later. <a href="https://t.co/zpnrrvash1">https://t.co/zpnrrvash1</a>	-0.0045	0
2834	@brandonorSELLI buying <a href="https://t.co/46txqrrsdr">https://t.co/46txqrrsdr</a> took over a decade, \$11m & amazing amount of effort. didn't like <a href="https://t.co/bsrfmry9gm">https://t.co/bsrfmry9gm</a> even when we were only making 🚗 .	-0.0045	0.743
2835	@nicegamer yeah, we wanted to name our company after tesla, the great scientist/engineer, but use of the tesla name in automotive was already trademarked in the us, europe & later china.	-0.0045	0.743
2836	major credit to ac propulsion for the tzero electric sports car 1997-2003 that inspired tesla roadster. without that, tesla wouldn't exist or would have started much later. <a href="https://t.co/nxcgyo9jxx">https://t.co/nxcgyo9jxx</a>	-0.0045	0.7003
2837	@danwat1234 it was supposed to be, but that was a dumb decision. in the end, roadster only had 7% of parts in common with the lotus elise or any other car.	-0.0045	-0.5106
2838	@renatakonkoly @spacex machete!!	-0.0045	0
2839	if you have a tesla built in past 2 years, definitely try navigate on autopilot. it will blow your mind. automatically passes slow cars & takes highway interchanges & off-ramps.	-0.0045	0.4019
2840	already testing traffic lights, stop signs & roundabouts in development software. your tesla will soon be able to go from your garage at home to parking at work with no driver input at all.	-0.0045	-0.296
2841	@ghhaugen full self-driving option is required with the tesla designed hardware 3 computer. this is a simple plug in replacement for the nvidia computer, but has over 10x the image processing ability.	-0.0045	0.3182
2842	@mesqueunbanjo we are awaiting eu regulatory approval for this release	-0.0045	0.4767
2843	@60minutes this is a very misleading edit. please post the full transcript where i complete the sentence.	-0.1643	-0.1027
2844	@dofaquarius @elonsbrain @livebit_io @60minutes so true 🤦‍♂️ 🤦‍♂️ 🤪 😅	-0.1643	0.4215
2845	@fluffypony @tesla probably end of next year	-0.1643	0
2846	@javagiri @tesla we're opening a lot of tesla service centers next year, including knoxville. tesla will post upcoming city opening map this week.	-0.1643	0
2847	@teslectrics @60minutes you're right. there was a ton of footage with many people at tesla that would be great to share. longer pieces like we did with @mkbhd tell a more interesting story.	-0.1643	0.8885
2848	@vincent13031925 @teslectrics @60minutes @mkbhd probably next month	-0.1643	0
2849	love that people are buying a tesla for the product itself, even if they don't believe in climate change.  not everyone can be convinced about global warming, but if an electric car is simply the best product, they don't need to be. <a href="https://t.co/dgjmcbgbygbj">https://t.co/dgjmcbgbygbj</a>	-0.1643	0.9136
2850	@lgebmman i'm dying to make a pickup truck so bad ... we might have a prototype to unveil next year	-0.1643	-0.5423
2851	@erikstorli no need to wait. it's super easy to swap the hw2 and hw3 computers. sensors are the same.	-0.1643	0.7783
2852	important note for us tesla buyers: federal tax credit drops by \$3750 in 3 weeks.  to be on the cancellation waitlist for delivery this year or if you want a display car, order at <a href="https://t.co/46txqrj3c1">https://t.co/46txqrj3c1</a> or visit our stores. full refund if tesla can't deliver your car this year.	-0.1643	0.5719
2853	also, tesla policy is that if you order a car without a test drive you get 3 days to return for full refund vs 1 day if you do get a test drive (resources are overbooked)	-0.1643	0
2854	@annerajb about 10 to 14 days	-0.1643	0
2855	@business incorrect. "chairman" is an honorific, not executive role, which means it's not needed to run tesla. will retire that title at tesla in 3 years. 60 mins edited out end of my sentence, where i said i could do whatever i want. they cut "provided i have the support of shareholders".	-0.1643	0.2263
2856	@malcolmmarsman seems likely that we'll be able to reuse fairings that soft-landed in the ocean. may not need net at all. would still love to see the catch happen though 🎯 🤪	-0.1643	0.6369
2857	@john_papa @tesla you should def have a loaner. will take care of it.	-0.1581	0.4939
2858	@businessinsider this part is true. i was trying to explain that we don't want our cars to have a "tinny" sound.  <a href="https://t.co/vxo9rr1uaf">https://t.co/vxo9rr1uaf</a>	0.0209	0.4767
2859	@ericidle exactly 😊	-0.2781	0
2860	♥️🍜 ramen is sooo good🍜 ♥️	-0.2781	0.4404
2861	@jeffects01 god fire	-0.2781	-0.34
2862	@xi0n310 zero suit 😊	-0.2781	0
2863	@hordurvalsson @m_xalher @tesla @valueanalyst1 🙏	-0.3673	0
2864	@erikvlugt @annerajb you got it	-0.3673	0
2865	@richardbranson @virgingalactic @thespaceshipco congratulations!	-0.3673	0.5994
2866	@richardbranson @virgingalactic @thespaceshipco thanks!	-0.3673	0.4404
2867	tesla 🚗 app almost done. important to get every note right!	-0.3673	0.1335

2868	medieval futurism <a href="https://t.co/q2vv7gcwv9">https://t.co/q2vv7gcwv9</a>	-0.3673	0
2869	@cuppykait 'tis	-0.3673	0
2870	@cleantechnica same facts, same period of time, but extremely different reporting	-0.3673	0
2871	@realrobcopeland @spacex totally false. buried in this incredibly misleading wsj article is the actual statement from thiels founder's fund: "we have no concerns whatsoever."	-0.3745	-0.5034
2872	@oc_isly @techcrunch yeah, i wrote that back in 2006, almost 13 years ago!	-0.3745	0.296
2873	@weetreinhard @techcrunch exactly. it's a good way to go. get people with more money to pay for the development!	-0.3745	0.3612
2874	@model3owners same applies to those who didn't order pup	-0.2007	0
2875	@kirstenkorosec @techcrunch @boringcompany boring is developing an entirely new system of transport	-0.2007	-0.3182
2876	boring product launch will be streamed live at 8pm california time tonight <a href="https://t.co/bwrt49d34v">https://t.co/bwrt49d34v</a>	-0.2007	-0.3182
2877	this can be applied to any autonomous, electric vehicle, not just tesla	-0.2007	0
2878	@alanrios @boringcompany yes	-0.2007	0.4019
2879	capable of traveling safely at over 150mph. at that speed, it will feel like teleporting within a city.	-0.2007	0.8074
2880	@flaneur @boringcompany actually way more capacity, way faster & way more convenient. subways are fine, but it's time to upgrade to something better.	-0.2007	0.5719
2881	the demo ride takes you in *same* car on road, down elevator, zips through tunnel using guide wheels, up elevator at destination & then drives on normal roads back to start	-0.2007	0
2882	@caspiancy @boringcompany this *is* affordable mass transit, but better in that it takes you where and when you to go	-0.2007	0.4404
2883	presentation starting at 8:15	-0.2007	0
2884	@joshjob42 @flaneur @boringcompany precisely	-0.2007	0
2885	next step for @boringcompany loop is demonstrating high throughput at high speed. target is 4000 vehicles/hour at 155mph (250km/h).	-0.2007	0
2886	a variety of vehicles, like normal roads, from a small car to a densely seated bus. must be seated & belted for high speed safety.	-0.2007	0.6486
2887	if all vehicles were densely seated buses, throughput in excess of 100,000 people per hour per lane is possible, but better to offer a range of vehicles & let people decide what makes them happy	-0.2007	0.765
2888	@realkrauswife i know that area well. best would be to add ramps into the tunnel system from the basement levels of the parking lots surrounding 3rd st.	-0.2007	0.743
2889	@realkrauswife pop up, park and walk!	-0.2007	0
2890	@fredericlambert @boringcompany you're right. we did have a sim ready, but it was confusing, so i didn't include it. we're working on one that makes things clear.	-0.2007	0.4939
2891	@elschumi @fredericlambert @boringcompany passive lateral safety is required by regulators & i think they're right. might be able to build this into the tunnel wall though. so long as the vehicle is prevented by physics from rolling or jackknifing, there is probably a good safety argument.	-0.2007	0.7845
2892	@martinengwicht @realkrauswife probably only need three types: straight ramp, spiral ramp & elevator. latter only for tight spaces.	-0.2007	0.2263
2893	@mattremp yeah, it would allow many streets to become parks and walking areas. less concrete, more trees.	-0.2007	0.4767
2894	@erdayastronaut @martinengwicht @realkrauswife @tesla the guides are basically just a wheel, a shock absorber & a solenoid. costs a few hundred dollars in volume.	-0.2007	-0.3818
2895	@robotbeat @michaelknaepen @elschumi @fredericlambert @boringcompany exactly	-0.2007	0
2896	are tunnels safe in an earthquake? <a href="https://t.co/vxcz2hi2qx">https://t.co/vxcz2hi2qx</a>	-0.2007	0.4404
2897	@ecoheiguy @erdayastronaut @martinengwicht @realkrauswife @tesla autopilot doesn't need the guide wheels. they're only there if there is a complete system failure. turns will definitely be banked in future.	-0.2007	-0.1531
2898	@vicentes @attack @tesla ok 😊	-0.3545	-0.2263
2899	@deadstocknyc reverse back down (using same roller guide wheels, so no skill required) & tow or flatbed it out	-0.3545	0
2900	join our underground movement!	-0.3545	0.296
2901	perhaps lost in the transport debate is that @boringcompany built a 6000 ft tunnel in la for ~\$10m with v1 (godot). next tunnel will be made with v2 (line-storm). v3 (prufrock), aspirationally 10x better, should be operational next year. for reference: <a href="https://t.co/ls4ehn57mw">https://t.co/ls4ehn57mw</a>	-0.3545	0.1531
2902	@c7five @jaku 🙏	-0.3545	0
2903	as a thank you to tesla short sellers, we named a 🙏 after them haha <a href="https://t.co/5gcgm4rt4w">https://t.co/5gcgm4rt4w</a>	-0.3545	0.6705
2904	@wolfejosh 🙏	-0.3545	0
2905	@itsjoeco @wolfejosh 🙏	-0.3545	0
2906	@wolfejosh 😊	-0.3545	0
2907	tesla phone app release next week will enable service scheduling in 2 mins with a few taps. no more need to call!	-0.3545	0

2908	@nichegamer @boringcompany so long as the tunnels are spaced about one diameter apart, most of the stress will flow around them, but this won't matter for the first few layers	-0.3545	-0.4019
2909	@johnkasich thanks, will consider next year	-0.3545	0.4404
2910	@space_station @astroannimal @astro_davids must feel amazing up there in microgravity zooming around the earth every 90 minutes! hope you have a merry christmas!	-0.3545	0.8807
2911	@taraustralis needs a warmup	-0.0524	0
2912	@wverollins namaste 🙏	-0.0524	0
2913	@chrinder haha	-0.0524	0.4588
2914	anxiety is a scalar, fear is a vector	-0.0524	-0.4939
2915	♥ bajirao mastani ♥ <a href="https://t.co/xbmndpiyfop">https://t.co/xbmndpiyfop</a> <a href="https://t.co/dzyv6s7tjz">https://t.co/dzyv6s7tjz</a>	-0.0524	0
2916	@shedletsky 🙃	-0.0524	0
2917	@quillettem interesting	-0.5091	0.4019
2918	@quantumverd @quillettem @pewdiepie only if dawkins joins	-0.5091	0
2919	tesla has released all cars for sale where original customer can't take delivery before year end, as well as test drive / display cars, which cost less.  reminder to us buyers that \$7500 tax credit drops in half in 8 days. order online at <a href="https://t.co/46txqrrsdr">https://t.co/46txqrrsdr</a> or visit stores.	-0.5091	0.7184
2920	@mikekasprzik @tesla try connecting to wifi	-0.5091	0
2921	@wangmeister it will be tight, but tesla production should have all mid-range model 3 orders delivered by year end	-0.5091	0
2922	@wangmeister if tesla committed delivery & customer made good faith efforts to receive before year end, tesla will cover the tax credit difference	-0.5091	0.8555
2923	@erdayastronaut @jeromejaccard @robotbeat @alan1bernard stainless steel is correct, but different mixture of alloys & new architecture. unlike atlas, starship is buckling stable on launchpad even when unpressurized.	-0.5091	0.296
2924	@erdayastronaut @jeromejaccard @robotbeat @alan1bernard while there are some material similarities, starship is very different from the atlas design	-0.5091	0
2925	@erdayastronaut @nasaspaceflight @jeromejaccard @robotbeat @alan1bernard i will do a full technical presentation of starship after the test vehicle we're building in texas flies, so hopefully march/april	-0.5091	0.4019
2926	@johnkrausphotos @erdayastronaut @nasaspaceflight @jeromejaccard @robotbeat @alan1bernard yes	-0.5091	0.4019
2927	@martinengwicht @erdayastronaut @nasaspaceflight @jeromejaccard @robotbeat @alan1bernard for sheet/plate, at supplier made to our spec. for cast, in our hawthorne foundry.	-0.5091	0
2928	@thescalex @jonas123denmark @erdayastronaut @nasaspaceflight @jeromejaccard @robotbeat @alan1bernard exactly	-0.5091	0
2929	@malcolmmarsman @themuddyschmuck @martinengwicht @erdayastronaut @nasaspaceflight @jeromejaccard @robotbeat @alan1bernard this test hopper is at full body diameter of 9m / 30 ft, just not full height. super heavy will be full height & diameter.	-0.5091	0.5994
2930	@john_gardi @martinengwicht @erdayastronaut @nasaspaceflight @jeromejaccard @robotbeat @alan1bernard coldformed at cryo	-0.5091	0
2931	@ludan27 @erdayastronaut @jeromejaccard @robotbeat @alan1bernard yes, but single stage to orbit with no payload is pointless. add super heavy rocket booster & orbital payload is gigantic. only need booster on earth, due to deep gravity well & thick atmosphere. starship alone on moons & mars.	-0.5091	0.7717
2932	@_synders @john_gardi @martinengwicht @erdayastronaut @nasaspaceflight @jeromejaccard @robotbeat @alan1bernard starlink v1 on falcon, v2+ on starship. basically, all future products will contain either the word "star" or "link" 😊	-0.5091	0
2933	@erdayastronaut @ludan27 @jeromejaccard @robotbeat @alan1bernard seriously! we are just on the wrong planet for ssto. mars, no problem.	-0.5091	-0.7579
2934	@nasaspaceflight @_synders @john_gardi @martinengwicht @erdayastronaut @jeromejaccard @robotbeat @alan1bernard yes. radically redesigned raptor ready to fire next month.	-0.5091	0.4215
2935	@erdayastronaut @nasaspaceflight @_synders @john_gardi @martinengwicht @jeromejaccard @robotbeat @alan1bernard yes, full flow, gas-gas, staged combustion. will take us time to work up to 300 bar. that is a mad level.	-0.5091	-0.128
2936	@erdayastronaut @nasaspaceflight @_synders @john_gardi @martinengwicht @jeromejaccard @robotbeat @alan1bernard you def don't want electric pumps on a rocket engine! raptor turbopumps alone need 100,000 horsepower per engine. that's not a typo.	-0.5091	-0.1779
2937	@erdayastronaut @nasaspaceflight @_synders @john_gardi @martinengwicht @jeromejaccard @robotbeat @alan1bernard it's embarrassing that boeing/lockheed need to use a russian engine on atlas, but that engine design is brilliant	-0.5091	0.296

2938	@benballer thanks!	-0.5091	0.4404
2939	@robotbeat @jon128123 @diver2441 @erdayastronaut @nasaspaceflight @_synders @john_gardi @martinengwicht @jeromejaccard @alan1bernard spacex metallurgy team developed sx500 superalloy for 12000 psi, hot oxygen-rich gas. it was hard. almost any metal turns into a flare in those conditions.	-0.5091	0.4939
2940	@robotbeat @jon128123 @diver2441 @erdayastronaut @nasaspaceflight @_synders @john_gardi @martinengwicht @jeromejaccard @alan1bernard our superalloy foundry is now almost fully operational. this allows rapid iteration on raptor.	-0.5091	0
2941	please put “invented car fart” on my gravestone. this is my only request.	-0.5091	0.3182
2942	@nichegamer putting in little outward-facing speakers would open up a lot of opportunities ...	-0.5091	0
2943	@leilanimunter @tesla @hickorypd @stephenathome @cleanairnc @cleanenergyorg @cmpd how bizarre. sorry to hear that.	-0.5091	-0.3818
2944	@nichegamer yezzz	-0.5091	0
2945	engineering is true magic	-0.5091	0.4215
2946	amazing space progress by china. this year they did more orbital launches than the usa for the first time. <a href="https://t.co/riks4zhuco">https://t.co/riks4zhuco</a>	-0.5091	0.765
2947	@worldandscience yes! people are almost always surprised to learn that earth's gravitational reach is infinite. “zero gravity” is achieved by zooming around earth super fast until outward acceleration equals inward acceleration of gravity.	-0.5091	0.8085
2948	@nextplanetover @worldandscience which seems to be the approximate pixel size of reality	-0.5091	0
2949	stainless steel starship <a href="https://t.co/rroiekkryc">https://t.co/rroiekkryc</a>	-0.5091	0
2950	@stevenhardison usable strength/weight of full hard stainless at cryo is slightly better than carbon fiber, room temp is worse, high temp is vastly better	-0.5091	0.6012
2951	@sloppy93 3	-0.5091	0
2952	@grafikhure_de @stevenhardison skin will get too hot for paint. stainless mirror finish. maximum reflectivity.	-0.5091	0
2953	@rokosslav @grafikhure_de @stevenhardison much less	-0.5091	0
2954	@kristennetten @rokosslav @grafikhure_de @stevenhardison maybe	-0.5091	0
2955	@elliemecham @whatsinside haha 😊	-0.5091	0.4588
2956	reminder to us buyers that the \$7500 tax credit cuts in half in 5 days! order online at <a href="https://t.co/46txqrrsdr">https://t.co/46txqrrsdr</a> to see if there is any inventory left in your region or visit tesla stores.	0.5041	0.1027
2957	there are also many state & local incentives, for example california offers \$2500, plus \$800 from utilities & access to carpool lane, colorado \$4000, etc <a href="https://t.co/lmd3znfr9m">https://t.co/lmd3znfr9m</a>	0.5041	0.3182
2958	and, because electricity costs much less than gasoline, a model 3 can cost about \$1000 less per year to operate. because it's electric, there are no oil changes, smog checks, tuneups, fuel filter, or brake pad replacements.	0.5041	0
2959	most importantly, every electric car, tesla or otherwise, matters to the environment we all share. every time someone chooses electric, the future gets a little bit brighter!  if not tesla, please take a look at these other options: <a href="https://t.co/fzvnlgwya">https://t.co/fzvnlgwya</a>	0.5041	0.5165
2960	@jt_richards @mmelinot @chuckyyyd this is incorrect. vast majority of vehicle motion is returned to the battery, as the electric motors act like a generator in reverse. brake pads on a tesla literally never need to be replaced for lifetime of the car.	0.5041	0.3612
2961	@jp_cautillo wow!	0.5041	0.5859
2962	@magoo5042 @tesla ok	0.5041	0.296
2963	most people don't know that the tesla supercharger network allows easy long distance travel throughout usa, most of europe, canada and china <a href="https://t.co/zzn9tabq8c">https://t.co/zzn9tabq8c</a>	0.5041	0.4404
2964	yes. supercharger coverage will extend to 100% of europe next year. from ireland to kiev, from norway to turkey. <a href="https://t.co/7fqzglctvj">https://t.co/7fqzglctvj</a>	0.5041	0.5267
2965	@dodo723 yes	0.5041	0.4019
2966	@jimjimroger yep	0.5041	0
2967	@motorsep definitely. all major highways in texas will have superchargers, all the way to brownsville & across mexico.	0.5041	0.4019
2968	@5allanlevito got it 😊 ua	-0.1859	0
2969	@whatsinside yes	-0.1859	0.4019
2970	@ckgaparajita coming soon	-0.1859	0
2971	@demishassabis congratulations	-0.1859	0.5994
2972	@awakenedparadi1 @demishassabis 30%	-0.1859	0
2973	@kristennetten @13ericralph31 @awakenedparadi1 @demishassabis yes	-0.1859	0.4019
2974	@ecoheliguy @13ericralph31 @ncbirbhan @awakenedparadi1 @demishassabis time. although it also turned out to be dramatically better.	-0.1859	0.4404
2975	@alexraikos yes	-0.1859	0.4019

2976	@teslaownerssv @alexraikos 2020	-0.1859	0
2977	@westcoastbill tesla team did a great job!	-0.1859	0.6249
2978	@grimezs turns out if you take dayquil, you exit the matrix	-0.2081	0
2979	@ben757677 @vincent13031925 thanks tesla owners in china! looking forward to visiting soon for the groundbreaking of gigafactory shanghai!	-0.2081	0.4404
2980	good summary of tesla progress in 2018 by @cleantechnica (due to tesla team, not me though) <a href="https://t.co/vzgjts9aug">https://t.co/vzgjts9aug</a> via @cleantechnica	-0.2081	0.6908
2981	great work by tesla team! <a href="https://t.co/ryxw9fxgv8">https://t.co/ryxw9fxgv8</a>	-0.2561	0.6249
2982	@xhnews congratulations!	-0.2561	0.5994
2983	@kroegerove govt has been unwelcome	-0.2561	0
2984	@vincent13031925 @kroegerove yes, support of the chinese government is very much appreciated	-0.2561	0.8271
2985	@minliangtan @c4merOn @burnflare @kroegerove sounds great, will connect you with tesla energy	-0.2561	0.7351
2986	@minliangtan @c4merOn @burnflare @kroegerove btw, i like your gaming equipment	-0.2561	0.3612
2987	@charliemilton @reuters @breakingviews @tesla weirdly, all the negative press seems to increase sales!	-0.2561	-0.5574
2988	@annerajb @charliemilton @reuters @breakingviews @tesla reveals wheels?	-0.2561	0
2989	@discovermag 😊	0.1628	0
2990	@scottwww @annerajb @charliemilton @reuters @breakingviews @tesla checking ...	0.1628	0
2991	model 3 mid-range epa rating is actually 264 miles, slightly higher than prior estimate of 260 <a href="https://t.co/l4ecptobai">https://t.co/l4ecptobai</a>	0.1628	0
2992	there are no coincidences <a href="https://t.co/9aebbuxzgn">https://t.co/9aebbuxzgn</a>	0.1628	0
2993	evian, the first bottled water, is naive spelled backwards	0.1628	0
2994	@bhandel58 to a dyslexic agnostic, there is no ...	0.1628	0
2995	@nichegamer 6/5 ★	0.1628	0
2996	@v_g_fischer @nichegamer srsly	0.1628	0
2997	@enjikaka @tesla @adamomras ok	0.1628	0.296
2998	...	0.1628	0
2999	@tylertrench31 what you think i do	0.1628	0
3000	@thelinguist5 @tylertrench31 wutf	0.1628	0
3001	three quarks for muster mark!	0.1628	0
3002	@jameswy2010 appears to be simulations all the way down ...	0.1628	0
3003	@korey_irl @vioblet <a href="https://t.co/ykhc4tsbyn">https://t.co/ykhc4tsbyn</a>	0.1834	0
3004	@nichegamer @liv_boeree that's what i heard	0.1834	0
3005	@keukenfiets <a href="https://t.co/h5h62xvdyn">https://t.co/h5h62xvdyn</a>	0.1834	0
3006	@tonyydx @oneangrygoym @shannonleeperr1 probably	0.1834	0
3007	about a month away from the first orbital test flight of crew dragon <a href="https://t.co/u01oxu3m7e">https://t.co/u01oxu3m7e</a>	0.1834	0
3008	@thearkadia_ @grimezs that's a reasonable question	0.1834	0
3009	@yousuck2020 not yet	0.1834	0
3010	@renwis1 @thearkadia_ @grimezs haha	0.1834	0.4588
3011	good shot of @spacex starship flight test vehicle being assembled in boca chica, texas <a href="https://t.co/quyddznbk">https://t.co/quyddznbk</a>	0.1834	0.4404
3012	@lpamdee @spacex aiming for 4 weeks, which probably means 8 weeks, due to unforeseen issues	0.1834	0
3013	starship test vehicle under assembly will look similar to this illustration when finished. operational starships would obv have windows, etc. <a href="https://t.co/d8aj01mjyr">https://t.co/d8aj01mjyr</a>	0.1834	0
3014	@frameshiftshark @spacex more on this in a few months	0.1834	0
3015	@wayne_obie i do love tintin	0.1834	0.6369
3016	matt debord reviews all tesla models <a href="https://t.co/zz7kw9cppn">https://t.co/zz7kw9cppn</a> via @businessinsider	0.1834	0
3017	@chima_saboyo it's all in the way you say it	0.1834	0
3018	@yaru_sasaki @enn_nafnlaus @mulymule @nasaspaceflight exactly	0.1834	0
3019	@enn_nafnlaus @thejewbyrd7777 @drakeferronyalk @13ericralph31 spiral-winding is great for uniform thickness. we used that for the hyperloop vacuum tunnel. however, starship skin thickness will vary considerably according to loads.	0.1834	0.6249
3020	sorry, to be clear, this pic is all real. nothing rendered.	0.1834	0.3182
3021	@canderson271 yes, will be extremely intense. early flights are especially dangerous, as there's a lot of new hardware.	0.1834	-0.0258
3022	<a href="https://t.co/vl6pib1q9b">https://t.co/vl6pib1q9b</a>	0.1834	0
3023	good sign that almost no model 3 owners want to sell their cars! <a href="https://t.co/tafirvx0lc">https://t.co/tafirvx0lc</a>	0.1834	0.4472
3024	looking forward to breaking ground on the @tesla shanghai gigafactory today!	0.1834	0
3025	aiming to finish initial construction this summer, start model 3 production end of year & reach high volume production next year	0.1834	0.0258
3026	shanghai giga production of model 3/y will serve greater china region	0.1834	0.3612
3027	@jimcramer shanghai giga output is just for greater china, not north america. affordable cars must be made on same continent as customers.	0.1834	0.3612

3028	shanghai giga will produce affordable versions of 3/y for greater china. all model s/x & higher cost versions of model 3/y will still be built in us for ww market, incl china.	0.1834	0.3612
3029	#newprofilepic <a href="https://t.co/w4xt1ywqja">https://t.co/w4xt1ywqja</a>	0.1834	0
3030	@chrisevans great thread 	-0.2400	0.6249
3031	and now ... we dance! <a href="https://t.co/2tds6evsmi">https://t.co/2tds6evsmi</a>	-0.2400	0
3032	@dofaquarius <a href="https://t.co/spvln8x22d">https://t.co/spvln8x22d</a>	-0.2400	0
3033	the new roadster will actually do something like this <a href="https://t.co/fistaya4x8">https://t.co/fistaya4x8</a>	-0.0415	0.3612
3034	@erdayastronaut 	-0.0415	0
3035	btw, you can buy a tesla online in less than 2 mins & give it back for a full refund for any reason <a href="https://t.co/46txqrj3c1">https://t.co/46txqrj3c1</a>	0.1166	0
3036	@hohoho it will be	0.1166	0
3037	@mkbhd i'm not. will use spacex cold gas thruster system with ultra high pressure air in a composite over-wrapped pressure vessel in place of the 2 rear seats.	0.1166	-0.5267
3038	 @ole_sveberg @mkbhd i don't think the law fully anticipated this situation. so probably yes for a while.	0.1166	0.4522
3039	@mkbhd plus, you can basically accelerate at the limit of human endurance	0.1166	0
3040	@manjotbassan @mkbhd no problem	0.1166	-0.4019
3041	@manjotbassan @mkbhd vertically or horizontally?	0.1166	0
3042	@mkbhd it's an option	0.1166	0
3043	@fredericlambert good idea	0.1166	0.4404
3044	starting on monday, tesla will no longer be taking orders for the 75 kwh version of the model s & x. if you'd like that version, please order by sunday night at <a href="https://t.co/46txqrj3c1">https://t.co/46txqrj3c1</a>	0.1166	0.5859
3045	@_ali_gray yes	0.1166	0.4019
3046	@thelonlyguy_def not	0.1166	0
3047	@ruboyad yes 	0.1166	0.4019
3048	@fredericlambert @dmc_ryan getting some regulatory pushback. may not be available in all regions.	0.1166	0
3049	@deepbluecea @ruboyad yes	0.1166	0.4019
3050	starship test flight rocket just finished assembly at the @spacex texas launch site. this is an actual picture, not a rendering. <a href="https://t.co/k1hkueoxaz">https://t.co/k1hkueoxaz</a>	0.0011	0
3051	this is for suborbital vtol tests. orbital version is taller, has thicker skins (won't wrinkle) & a smoothly curving nose section.	0.0011	0
3052	@erdayastronaut yes	0.0011	0.4019
3053	@somepitch yes	0.0011	0.4019
3054	@sandt_tyler yes	0.0011	0.4019
3055	@sloppy93 @spacex body/tank diameter is 9m or about 30ft	0.0011	0
3056	starship hopper will do vertical flight tests similar to the falcon 9 hopper <a href="https://t.co/5dcrgfqymr">https://t.co/5dcrgfqymr</a>	0.0011	0
3057	<a href="https://t.co/gtaurpzral">https://t.co/gtaurpzral</a>	0.0011	0
3058	@mjensen007 haha	0.0011	0.4588
3059	it needed to be made real <a href="https://t.co/9y490tukao">https://t.co/9y490tukao</a>	0.0011	0
3060	obv must be more pointy tho	0.0011	0
3061	@teslaownerssv ok	-0.2678	0.296
3062	view of spacex dragon 1 berthed with @space_station in the last cupola opening. dragon 2 (crew dragon) launching soon. <a href="https://t.co/ef2ltrhc7c">https://t.co/ef2ltrhc7c</a>	-0.2678	0
3063	@paulojvn which country? there is a 10% import duty, ~20% vat (us prices don't include sales tax) and about \$2000 in extra shipping cost, but it shouldn't add up to \$25k.	-0.2678	0
3064	@deltaplan @paulojvn we are not yet offering the mid range model 3 in europe	-0.2678	0
3065	spacex dragon from as seen from @space_station viewport <a href="https://t.co/we82irbsmp">https://t.co/we82irbsmp</a>	-0.2678	0
3066	la is so beautiful after the rain <a href="https://t.co/caxowaxcom">https://t.co/caxowaxcom</a>	-0.2678	0.5994
3067	@axisenguk @bkin87 @rgvaerialphotos @stevehamel16 yes	-0.2678	0.4019
3068	glad you like it <a href="https://t.co/7fbqc0m9m5">https://t.co/7fbqc0m9m5</a>	0.0924	0.6705
3069	@greensjeremy @boringcompany @mcannonbrookes about \$15m/km for a two way high speed transit, so probably around \$750m plus maybe \$50m/station	-0.0789	0
3070	@mcannonbrookes haha you're welcome! hope you're doing well.	-0.0789	0.875
3071	@teslarati the source info is incorrect. starship & raptor development is being done out of our hq in hawthorne, ca. we are building the starship prototypes locally at our launch site in texas, as their size makes them very difficult to transport.	-0.0824	-0.3612
3072	@nextspaceflight @teslarati the la times has a long track of unreasonable attacks on spacex & tesla, but in this case it was our miscommunication	-0.0824	-0.4404
3073	@musicnick1985 @teslarati teslarati is very thoughtful & well-written, but this stems from a miscommunication by spacex	-0.0824	0.5719
3074	@cleantechnica how many electric vehicle startups are there? seems like a lot.	-0.0824	0.3612

3075	@wevolverapp @spacex dragon 2 was originally designed to land with thrusters, but it's not the right architecture for heavy transport to the moon or mars, so we decided not to qualify it for thruster landings	-0.0824	0
3076	@mkbhd @bensullins @cleantechnica i think some of them should combine forces. talent is spread too thin.	-0.0824	0.4215
3077	the tesla customer referral program will end on feb 1. if you want to refer a friend to buy a tesla & give them 6 months of free supercharging, please do so before then.	-0.0824	0.8442
3078	@lovin_ny93 no, the whole referral incentive system will end	-0.0824	0.3612
3079	@goosesd22 @lovin_ny93 order must occur before feb 1	-0.0824	0
3080	@fredericlambert yes, ending on feb 1. it's adding too much cost to the cars, especially model 3.	-0.0824	0.4019
3081	@physicsj roughly 4 to 20 minutes for light to travel from earth to mars	-0.2402	0
3082	@reutersbiz untrue	-0.2402	0
3083	@popmech when going to ~1750 kelvin, specific heat is more important than latent heat of vaporization, which is why cryogenic fuel is a slightly better choice than water	-0.2402	0.5279
3084	@devclub_space @rationalettiene @popmech yes. also, despite high outside heat, rapid water vaporization can counter-intuitively cause it to snap freeze & block cooling channels.	-0.2402	-0.0516
3085	tesla sentry mode coming soon for all cars with enhanced autopilot <a href="https://t.co/x2buqwiabx">https://t.co/x2buqwiabx</a>	-0.2222	0
3086	@teslamodel3fan @tesla since it's part of safety & security, all cars with ap2+ hardware will get it	-0.2222	0.6369
3087	@cabandsurfaces almost ready to roll out. regulators just approved.	-0.2222	0.6133
3088	@teslarati 310s stainless is better for high temp outer skin, as it can take ~1450 kelvin, so active cooling with cryogenic fuel only has to mitigate 300 degrees of delta temp	-0.2222	0.6808
3089	@teslarati ~1750k is peak heating expected on about 20% of starship for leo entry, ~1600k on 20%. rest drops below 1450k, so no heat shield needed. radiative cooling at t^4 takes care of 60% of the ship. another reason for steel.	-0.2222	0.4939
3090	@robotbeat @zackpio actual tanks are fine	-0.2222	0.2023
3091	if test flight of 🚀 goes well next month, @nasa 🚀 will 🚀 to @space_station this summer!	-0.0417	0.2732
3092	@farismahdawi @nasa @space_station the youth love em	-0.0417	0.6369
3093	@annerajb @farismahdawi @nasa @space_station 💡 😊	-0.0417	0
3094	@annerajb @farismahdawi @nasa @space_station sure. also, we need to be better at remembering brightness settings.	-0.0417	0.7783
3095	@tylertrench31 @nasa @space_station <a href="https://t.co/67g5ylv8vn">https://t.co/67g5ylv8vn</a>	-0.0417	0
3096	testing metallic heat shield at 1100c (2000f) @spacex <a href="https://t.co/frp5ez5a0z">https://t.co/frp5ez5a0z</a>	-0.0417	0
3097	@jasonhouge @spacex @boringcompany these are industrial strength. not recommended for use at home!	-0.0417	0.6124
3098	@teslarati feature has now been in place for 8 months	-0.0417	0
3099	@annerajb @teslarati rough beta in 2 to 3 weeks	-0.0417	0
3100	awesome moose sculpture! ❤️ NO <a href="https://t.co/cegeehl4wz">https://t.co/cegeehl4wz</a>	-0.0417	0.6249
3101	@justinandgreg yes, and my grandfather was from minnesota with some scandinavian/german background. got to hand it to norway. that's a great sculpture!	-0.0417	0.875
3102	@florentderue that would be so cool!	-0.0417	0.3182
3103	@fredericlambert it's like looking in a mirror!	-0.0417	0.3612
3104	@martinki_so tempting ...	-0.0417	0
3105	@m40dotcom @justinandgreg many cold weather improvements coming via ota software	-0.0417	0.3182
3106	@caseykins421 @justinandgreg yeah, worked on my cousin's farm for six weeks around my 18th birthday. i was so kewl. <a href="https://t.co/xirzruxpjz">https://t.co/xirzruxpjz</a>	-0.0417	0.296
3107	@techreview cool that this is happening on many fronts. looks like a good design by @boeing.	-0.0417	0.7717
3108	@petterware all doors unlock automatically when the tesla comes to a stop after an accident. there is both primary & backup power to doors, brakes, steering & airbags.	-0.0217	-0.6486
3109	tesla sentry mode will play bach's toccata and fugue during a robbery (and keep summer safe) <a href="https://t.co/wns5qleb2e">https://t.co/wns5qleb2e</a>	-0.0217	0.6486
3110	@icannot_enough haha	-0.0217	0.4588
3111	but, occasionally, the metal version <a href="https://t.co/oghyupoa9z">https://t.co/oghyupoa9z</a>	-0.0217	0
3112	@nicegamer ok, we'll throw that in too	-0.0217	0.296
3113	still my favorite tweet of all time <a href="https://t.co/vksyxucsc1">https://t.co/vksyxucsc1</a>	-0.0217	0.4588
3114	@stephenking it's an honor, sir! thanks for owning a tesla.	-0.0217	0.7269
3115	host meme review? <a href="https://t.co/k2sftiuh1k">https://t.co/k2sftiuh1k</a>	-0.0217	0
3116	@mrbeastyt \$5	-0.0217	0
3117	@mrbeastyt you drive a hard bargain, but ... ok	-0.0217	0.2023
3118	@worldandscience we are so tiny	-0.0217	0
3119	great electric car documentary about early days of tesla, gm volt, nissan leaf & gadget. so much has happened since then ... <a href="https://t.co/nq2nvjj5w8">https://t.co/nq2nvjj5w8</a>	-0.0217	0.6249

3120	@data_over_ideal @tesla sure hope that happens	-0.0217	0.6369
3121	spacex documentary actual footage <a href="https://t.co/rrewywmngj">https://t.co/rrewywmngj</a>	-0.0217	0
3122	@lexiheft haha true	-0.0528	0.7003
3123	tbh smh	0.0892	0
3124	@kristennetten haha	0.0892	0.4588
3125	entropy is the ultimate boss battle <a href="https://t.co/myafkohzb">https://t.co/myafkohzb</a>	0.0892	-0.3818
3126	if heat death will be inevitable end of universe, it actually *is* all about journey 😊	0.0892	-0.5994
3127	entropy is the source and the end of life in this instance of the multiverse <a href="https://t.co/0jmkuayfrq">https://t.co/0jmkuayfrq</a>	0.0892	0
3128	@vicentes @robotbeat @tegmark max tegmark is great	0.0353	0.6249
3129	@hyperchangetv @tesla @say you're most welcome! very thoughtful questions.	0.0353	0.6808
3130	@sofiaan @hyperchangetv @tesla @say sure, which ones?	0.0353	0.3182
3131	@keego73 it's designed for 100 people on a mars journey	0.0353	0
3132	@nichegamer @keego73 tasty food!	0.0353	0
3133	exciting to see all the new electric vehicles coming to market! we created tesla to accelerate a sustainable future & it's happening! <a href="https://t.co/iqreidqiy1">https://t.co/iqreidqiy1</a>	0.0353	0.6369
3134	our true competition is not the small trickle of non-tesla electric cars being produced, but rather the enormous flood of gasoline cars pouring out of the world's factories every day	0.0510	0.4215
3135	all our patent are belong to you <a href="https://t.co/hpk5r5ums6">https://t.co/hpk5r5ums6</a> <a href="https://t.co/t99rioefci">https://t.co/t99rioefci</a>	0.0510	0
3136	@skiddlybinx about 10 orbit synch windows, which are every 26 months, so self-sufficiency around 2050	0.0510	0
3137	@iamshack24 @orthereaboot @toxicpath @librab103 and tesla gigafactory is steadily becoming self-powered by solar	0.0510	0
3138	@erdayastronaut @keego73 absolutely. you've touched on a very important point. the ship must be easy to repair on the moon and mars.	0.0510	0.6096
3139	@erdayastronaut @keego73 yes, ship needs pitch/roll/yaw control across wide mach regime & angle of attack	0.0510	-0.1027
3140	@erdayastronaut @keego73 to be clear, i'm confident that a stainless steel ship will be lighter than advanced aluminum or carbon fiber, because of strength to weight vs temperature & reduced need for heat shielding	0.0510	0.875
3141	@treebeard1671 @erdayastronaut @keego73 yes. it's very rare to find all three.	0.0510	0.4019
3142	preparing to fire the starship raptor engine at @spacex texas <a href="https://t.co/8jcoi1bg6z">https://t.co/8jcoi1bg6z</a>	0.0510	-0.34
3143	@tritexan @spacex yes	0.0510	0.4019
3144	@erdayastronaut @keego73 cold gas thrusters only. will use body flaps & main engines for landing orientation, so won't need high thrust reaction control. simplifies things considerably.	0.0510	0
3145	@wonderofscience @treebeard1671 @erdayastronaut @keego73 mostly true	0.0510	0.4215
3146	@spacexfan97 @wonderofscience @treebeard1671 @erdayastronaut @keego73 still up to 31. will probably fly with fewer initially in case it blows up.	0.0510	0
3147	@nickynaptime rocket mass ratio is about the same for aluminum-lithium vs 301 stainless full hard at cryo, but latter costs way less, is tougher & doesn't even need paint!	0.0510	-0.1027
3148	@alexthechemist @spacex well, my past mistakes do seem extremely dumb, especially the ones where i mistakenly thought i was smart	0.0510	-0.2568
3149	@122ddd2223d @dash71209069 @yungmruglygod @nickynaptime we'll tweak the alloy over time, so it won't exactly be 301, but close	0.0510	0
3150	@archin50001 @alexthechemist @spacex dammit! 😊	0.0510	0
3151	@royalsociety @greshamcollege ❤ logarithms	0.0510	0
3152	@trump_45th @spacex 7	0.0510	0
3153	@vincent13031925 @tesla no plans to do so. would recommend model s.	0.0510	0.3612
3154	@ukrpravda_news whoa cool	0.0510	0.3182
3155	just bought <a href="https://t.co/lijcd7bagx">https://t.co/lijcd7bagx</a> oh yeah	-0.1067	0.296
3156	☁️ looks like sentient choc ice cream	-0.1067	0.3612
3157	@lexiheft @mrbeastyt next few days	-0.1067	0
3158	@lebeaucarnews <a href="https://t.co/w60skbdlpz">https://t.co/w60skbdlpz</a>	-0.1067	0
3159	yes <a href="https://t.co/3koz13fqez">https://t.co/3koz13fqez</a>	-0.1067	0.4019
3160	@zanfa i do like nonsense memes. it's true.	-0.1067	0.3818
3161	@officialsusq exactly	-0.1067	0
3162	@darkaraus_ @zanfa no, payload will actually increase	-0.1067	0.3182
3163	@crazyhank @tesla haha how is this even real?	-0.1067	0.4588
3164	@sacagnhe @zanfa i'm openly moderate. there, i said it.	-0.1067	0
3165	how model 3 performs on a long road trip <a href="https://t.co/nhegf5psg2">https://t.co/nhegf5psg2</a>	-0.1067	0
3166	@narinaarpautiem @sacagnhe @zanfa that might be the ultimate superpower	-0.1067	0

3167	only a matter of time <a href="https://t.co/8eqn554hk0">https://t.co/8eqn554hk0</a>	-0.1067	0.0258
3168	@sivemorten soon	-0.1067	0
3169	at @spacex texas with engineering team getting ready to fire new raptor rocket engine <a href="https://t.co/acfm8aty8w">https://t.co/acfm8aty8w</a>	-0.1067	0.0258
3170	@tritexan @spacex yes	-0.1067	0.4019
3171	@fredericlambert we will when it rolls out	-0.1067	0
3172	first firing of starship raptor flight engine! so proud of great work by @spacex team!! <a href="https://t.co/s6at7jih4s">https://t.co/s6at7jih4s</a>	-0.1067	0.7003
3173	<a href="https://t.co/chegbtgkz">https://t.co/chegbtgkz</a>	-0.1067	0
3174	<a href="https://t.co/yfhnx3fiod">https://t.co/yfhnx3fiod</a>	-0.1067	0
3175	@dguisinger @erdayastronaut @danieldavisa engine use methox torch igniters. green tinge is either camera saturation or a tiny bit of copper from the chamber.	-0.1067	0
3176	@jclishman @dguisinger @erdayastronaut @danieldavisa will do, although spacex reddit is very well-informed. really impressive analysis by some commenters.	-0.1067	0.6901
3177	@erdayastronaut @dguisinger @danieldavisa gaseous ch4/o2 & heavy duty spark plugs. basically, a 🍎 of insane power 😊	-0.1067	0.4019
3178	@joerogan glad you like it	0.0938	0.6705
3179	💎 mach diamonds 💎	0.0938	0
3180	@notnahuel @snazzyq exactly. both prices are shown right next to each other & lower price is *actually* the real apples to apples cost vs a fuel car. in fact, for many states in the us, it's way better.	-0.1566	0.1779
3181	@fancypantless we're doing everything we can to get there. it's a super hard grind.	-0.1566	0.5423
3182	@spacex <a href="https://t.co/so2s0ocm4l">https://t.co/so2s0ocm4l</a>	-0.2340	0
3183	@strikmichael sorry, many unexpected challenges with cars coming through zeebrugge first time. cars will start moving out in volume tomorrow.	-0.2340	0
3184	design requires at least 170 metric tons of force. engine reached 172 mt & 257 bar chamber pressure with warm propellant, which means 10% to 20% more with deep cryo.	-0.2340	0.0258
3185	@teslaownerssv @strikmichael @jothamkitara sentry mode (and dog mode) roll out next week	-0.2340	0
3186	@andreti vaporized some copper	-0.2340	0
3187	@octagonroa telekinesis	-0.2340	0
3188	⌚ ❤️ spacex engineering ❤️ ⌚	-0.2340	0
3189	@erdayastronaut the super heavy booster is only needed on earth, so think of this as just "starship" & sometimes it needs a boost, hence super heavy	-0.2340	0.8885
3190	@erdayastronaut welded, internal, longitudinal hat stringers. to the degree it may need hoop stiffness (prob not), combine with slosh baffles.	-0.1282	0
3191	@malcolmmarsman @erdayastronaut prob wise for version 1 to have legs or we will frag a lot of launch pads	-0.1282	0.4767
3192	@lytovchenkoserg @john_gardi @erdayastronaut rocket booster temperatures won't go much above 600 kelvin on hottest parts of main body & maybe around 1200k on base, which uncooled steel can handle. starship is around 1700k for a mach 25 entry, so needs shielding of some kind.	-0.1282	0.5267
3193	@lytovchenkoserg @john_gardi @erdayastronaut technically, the steel is radiatively cooled (not uncooled). t^4 is one of the most interesting things about reality!	-0.1282	0.4019
3194	@erdayastronaut @lytovchenkoserg @john_gardi booster center of mass is much lower & more consistent (no payload mass to consider), so still biases towards engine first entry	-0.1282	-0.296
3195	joe rogan describes tesla for 4 mins & 20 secs <a href="https://t.co/ju6n683dd5">https://t.co/ju6n683dd5</a>	-0.0768	0
3196	i want you too baby <a href="https://t.co/lxi0lqz5rc">https://t.co/lxi0lqz5rc</a>	-0.0768	0.0772
3197	@bkin87 a	-0.0768	0
3198	⌚ thank goodness it's not november <a href="https://t.co/ius8kaptic">https://t.co/ius8kaptic</a>	-0.0768	0.6705
3199	@westcoastbill hope they don't find this pic! <a href="https://t.co/vwujhfwmwms">https://t.co/vwujhfwmwms</a>	-0.0768	0.4404
3200	just left zeebrugge, now tilburg, then tesla hq in amsterdam & oslo tonight to review service in norway. exciting to see thousands of model 3's on their way to owners in europe! <a href="https://t.co/pero4jhicb">https://t.co/pero4jhicb</a>	-0.0768	0.4939
3201	@leo190102 maybe tomorrow	-0.0768	0
3202	@rocketisfine @leo190102 i was simply too sexy for it <a href="https://t.co/vugjlyzvji">https://t.co/vugjlyzvji</a>	-0.0768	0.5267
3203	raptor reached 268.9 bar today, exceeding prior record held by the awesome russian rd-180. great work by @spacex engine/test team! <a href="https://t.co/ypervo0jhyy">https://t.co/ypervo0jhyy</a>	-0.0768	0.8625
3204	@johnkrausphotos @spacex about 11 secs	-0.0768	0
3205	@john_gardi @spacex yes, aiming for 380 sec isp with vac nozzle. maybe 382 if we get lucky.	-0.0768	0.6705
3206	@_cgp @spacex propellant was not deep cryo. ch4 & o2 were just barely below liquid temp at 1 bar. in theory, raptor should do ~300 bar at deep cryo, provided everything holds together, which is far from certain. however, only 250 bar is needed for nominal operation of starship/super heavy.	-0.0768	0.7184



3246	@katlinegrey i have been chief engineer/designer at spacex from day 1. had i been better, our first 3 launches might have succeeded, but i learned from those mistakes. <a href="https://t.co/3r6zqec30a">https://t.co/3r6zqec30a</a>	-0.3501	0.4939
3247	@tom_heats @coindesk whoever owns the early btc deserves a nobel prize in delayed gratification	-0.3501	0.5106
3248	@wonderofscience so true 😊 john clarke 🌎	-0.3501	0.4215
3249	@fan_of_racing @bkent136 @macodiseas @katlinegrey spacex merlin architecture is simpler than staged combustion (eg ssme or rd), but it has world record for thrust/weight & thrust/cost engine. raptor has better isp, but i'm worried it may fall short on those two critical metrics.	-0.3501	-0.1531
3250	@martinengwicht @macodiseas @katlinegrey exactly. that's the critical point for starship/bfr: more payload than the biggest rocket ever made, but for less money per launch than the smallest (orbital) rocket. without something that lowers orbital flight cost by 100x, humanity will never be a multiplanet species.	-0.3501	-0.3182
3251	@katlinegrey spacex commercial 🚀 launch market share went from 0% in 2010 to 65% in 2018. despite massive subsidies to boeing/lockeed, they have never won a fair competition against spacex for several years. <a href="https://t.co/sqayccjtd">https://t.co/sqayccjtd</a>	-0.3501	0.0613
3252	@geopilot @katlinegrey don't know	-0.3501	0
3253	@erdayastronaut @marekcyzio @katlinegrey actually, they received (and still receive) almost a billion dollars a year for "launch capability". even if they do zero launches, us govt still gives them that.	-0.3501	0
3254	@sasor098 @adamhugo @waycharmar @fan_of_racing @bkent136 @macodiseas @katlinegrey that's true 😊 merlin 1a was terrible. 1c was ok, 1d good, but block 5 merlin (should probably be called 1e) is something special. took about 15 years to get there.	-0.3501	0.5574
3255	@erdayastronaut @sasor098 @adamhugo @waycharmar @fan_of_racing @bkent136 @macodiseas @katlinegrey yeah, that was a bit embarrassing 😊 high engine chamber pressure and ablative don't get along. ok for low pressure, expendable upper stage.	-0.3501	-0.5719
3256	@richpitre_co @katlinegrey we are constrained by the accredited investor rule, but will think about how this could be done	-0.3501	-0.1027
3257	@benoitdenayer @navincho @katlinegrey essentially, yes. great engineering talent, but should focus on reusable rockets for purpose of a permanent human base on the moon and self-sustaining city on mars.	-0.3501	0.8625
3258	@djsnm @erdayastronaut @sasor098 @adamhugo @waycharmar @fan_of_racing @bkent136 @macodiseas @katlinegrey you can see the streaks on the vacuum merlin nozzle in flight videos	-0.3501	0
3259	@kell31213876 @vadim15258417 @djsnm @erdayastronaut @sasor098 @adamhugo @waycharmar @fan_of_racing @bkent136 @macodiseas @katlinegrey exactly. super money move is anti-matter drive, especially if you solve capturing antiprotons in deep space.	-0.3501	0.5849
3260	@danaloni @kell31213876 @vadim15258417 @djsnm @erdayastronaut @sasor098 @adamhugo @waycharmar @fan_of_racing @bkent136 @macodiseas @katlinegrey anti-matter production would require vast amounts of energy. no need though. we have a super reliable, massive, free fusion reactor called the sun.	-0.3501	0.7964
3261	@balcsi32 @danaloni @kell31213876 @vadim15258417 @djsnm @erdayastronaut @sasor098 @adamhugo @waycharmar @fan_of_racing @bkent136 @macodiseas @katlinegrey yes	-0.3501	0.4019
3262	@balcsi32 @danaloni @kell31213876 @vadim15258417 @djsnm @erdayastronaut @sasor098 @adamhugo @waycharmar @fan_of_racing @bkent136 @macodiseas @katlinegrey to the first part. i doubt we'd create a dyson ring or sphere.	-0.3501	-0.1027
3263	@gavbrowne @bluemoondance74 @danaloni @kell31213876 @vadim15258417 @djsnm @erdayastronaut @sasor098 @adamhugo @waycharmar @fan_of_racing @bkent136 @macodiseas @katlinegrey sn2 has changes that should help	-0.3501	0.4019
3264	@djsnm @danaloni @kell31213876 @vadim15258417 @erdayastronaut @sasor098 @adamhugo @waycharmar @fan_of_racing @bkent136 @macodiseas @katlinegrey advanced, reusable rockets are all we need to become a multiplanet civilization. once we have a city on mars, interplanetary travel will create a forcing function for vast improvements in spaceflight.	-0.3501	0.6597
3265	@abbygarrett @djsnm @erdayastronaut @sasor098 @adamhugo @waycharmar @fan_of_racing @bkent136 @macodiseas @katlinegrey always liked kestrel. it was the robin hood of engines.	-0.3501	0.4215
3266	highest reentry heating to date. burning metal sparks from base heat shield visible in landing video. fourth relight scheduled for april. <a href="https://t.co/uq6tdmhgfn">https://t.co/uq6tdmhgfn</a>	-0.0994	0
3267	@sivarajkumar237 yes 😊	-0.0994	0.4019
3268	@spacexupdates crew dragon high altitude abort test	-0.0994	0
3269	@canzyd high probability of this particular rocket getting destroyed by dragon supersonic abort test. otherwise, at least 20 or 30 missions for falcon 9. starship will take over before the f9 fleet reaches end of life.	-0.0994	-0.4588
3270	@nextspaceflight depends on when crew dragon comes back. that's scheduled for launch next saturday, but lot of new hardware, so time error bars are big.	-0.0994	-0.4019
3271	@spacexupdates @canzyd including heavy, which is 3 cores, around 20 or so	-0.0994	0

3272	@erdayastronaut @canzyd upper stage is flight, except mass sim in place of merlin. it will get fragged for sure by aero loads & dragon abort thrusters.	-0.0994	0.3182
3273	@flcnhv @rogiermaas @spacex focusing on starship instead	-0.0994	0
3274	@tgmettsfan98 @nextspaceflight guys, i have feelings ... 😊	-0.0994	0
3275	@nextspaceflight yes, lot of risk	-0.0994	0.1531
3276	@nextspaceflight it's designed to be way better. we'll see what reality has to say about that.	-0.0994	0.4404
3277	@xkcdcomic haha true	-0.0994	0.7003
3278	great meme review hosted by will smith <a href="https://t.co/82uuvpdioc">https://t.co/82uuvpdioc</a>	-0.0845	0.6249
3279	respawn++ <a href="https://t.co/mlagk38lkk">https://t.co/mlagk38lkk</a>	-0.0845	0
3280	@jaybahel <a href="https://t.co/ljjcd7bagx">https://t.co/ljjcd7bagx</a>	-0.0845	0
3281	meetings are a valuable use of time! <a href="https://t.co/sdckdbp5e5">https://t.co/sdckdbp5e5</a>	-0.0845	0.4767
3282	fate *loves* irony. frankly, too much.	0.0304	0.5423
3283	oh hi lol <a href="https://t.co/9wvbtthoxs">https://t.co/9wvbtthoxs</a>	0.0304	0.4215
3284	@jpuconn @wsj sec forgot to read tesla earnings transcript, which clearly states 350k to 500k. how embarrassing ... 🤦	0.0304	0.0258
3285	@alexmrd2 @jpuconn @wsj indeed. i have great respect for judges. it's not perfect, but, in general, we should be very glad of the us justice system.	0.0304	0.9538
3286	@janeidyeve thank you evelyn, i loved it	0.0304	0.7506
3287	@lrocket @alexis_www @katlinegrey tom did an awesome job leading merlin, kestrel, draco & other engine developments from start through 2014 that were critical to spacex's success. great respect & appreciation!	0.0304	0.9517
3288	@drivingslate @teslaparatodos @jennifersensiba @cleantechnica @28delayslater exactly. this has now happened several times. something is broken with sec oversight.	0.0304	-0.4767
3289	@annerajb @lrocket @alexis_www @katlinegrey printers are too small. also, high pressure, high efficiency engines need copper cooling channels with an inco/steel jacket. can't print yet.	0.0304	0.0772
3290	@flcnhv @drivingslate @teslaparatodos @jennifersensiba @cleantechnica @28delayslater exactly	0.0304	0
3291	@annerajb @flcnhv @drivingslate @teslaparatodos @jennifersensiba @cleantechnica @28delayslater yes, exciting potential	0.0304	0.7096
3292	@annerajb @flcnhv @drivingslate @teslaparatodos @jennifersensiba @cleantechnica @28delayslater maybe active in a month or so. focus right now is getting to high speed, tight follow distance in test tunnel.	0.0304	0.4019
3293	@katlinegrey @lrocket @alexis_www rest of spacex propulsion still very active, so only ~50 full-time equivalent people right now. that will grow a lot as we enter production. it's 10x harder (at least) to design engine production system than engine. in automotive, 100x harder.	0.0304	0.4019
3294	thursday 2pm	0.1960	0
3295	california	0.1960	0
3296	stop censoring science! <a href="https://t.co/r4xetymtnh">https://t.co/r4xetymtnh</a>	0.1960	-0.296
3297	@nasaspaceflight @flcnhv @rogiermaas @spacex yes	0.1960	0.4019
3298	@supremepenguin2 haha	0.1960	0.4588
3299	some tesla news	0.1960	0
3300	et phone home. no answer 😊	0.1960	0
3301	@indigoshrimp yay!	0.1960	0
3302	make the mars technocracy real	0.1960	0
3303	@aniruddhadas852 i was being too obvious	0.1960	0
3304	@natgeo 😊😊😊😊😊😊	-0.0836	0
3305	@rowdystew @m3exp everyone who bought enhanced autopilot will get navigate on autopilot on highways, advanced summon & autopark	-0.3818	0.25
3306	@annerajb @rowdystew @m3exp scheduled for march 15 release, along with many other improvements	-0.3818	0.3182
3307	@peternotpaul_should be ~5% peak power increase with march 15 software release	-0.3818	0.3182
3308	@tesla best choice for most people is standard range plus with autopilot	-0.3818	0.6369
3309	@erdayastronaut @tesla for sure. it fundamentally improves quality of life.	-0.3818	0.6249
3310	@dignityssb no reductions from here	-0.3818	0
3311	@mcjamez @martinengwicht @erdayastronaut @tesla exactly	-0.3818	0
3312	ripley <a href="https://t.co/z9ztram8ai">https://t.co/z9ztram8ai</a>	-0.3818	0
3313	@miharekar @spacex haha	-0.3818	0.4588
3314	@erdayastronaut yes	-0.3818	0.4019
3315	@model3owners @troyteslike explanation from tesla later today	-0.3818	0
3316	@jay_marquez yeah, just use a dryer outlet. high power, easy to install & low cost.	-0.3818	0.4588
3317	@secrethamper @hugsfornoah happy birthday!	-0.4043	0.5719
3318	@sivarajkumar237 nope, he's going to float around in zero gravity	-0.4043	0
3319	@kristennetten @sivarajkumar237 he is the sensor!	-0.4043	0

3320	if you bought a tesla before yesterday's price reduction, you can have autopilot or full self-driving at half normal cost (up to \$6k less) <a href="https://t.co/2ckxmmssja">https://t.co/2ckxmmssja</a>	-0.4043	0
3321	@royalflushgk if you bought enhanced autopilot, fsd upgrade costs \$2k instead of \$5k	-0.4043	0
3322	@abhaygupta @royalflushgk it's not exactly symmetric, but it will come with hw3 upgrade long-term	-0.4043	0
3323	@tonycrisostomo @tesla_truth @royalflushgk yeah, we need a few days to update the system. if anyone already paid \$3k, they should get \$1k back.	-0.4043	0.296
3324	@sofiaan @royalflushgk will take a few days for system update	-0.4043	0
3325	@raulv48 @bryanmacksc @tesla we're trying to make evs & autonomy more affordable over time. this is the right thing to do. however, we cannot then also retroactively make earlier buyers whole without killing the company.	-0.4043	0.5448
3326	@raulv48 @bryanmacksc @tesla need to get back to spacex launch control. sorry this solution isn't perfect.	-0.4043	0.6908
3327	@fhurst4762 @spacex @space_station lightning bolt right before launch	-0.4043	0
3328	@vp @potus @nasa @spacex thank you on behalf of the many people of spacex	-0.4043	0.3612
3329	@nico_rosberg spoiler alert: not porsche	-0.4043	0.296
3330	@causal_mind @nico_rosberg yes, new cars and existing fleet	-0.4043	0.4019
3331	@erdayastronaut @causal_mind @nico_rosberg power will increase on all cars. top speed on 3p increases to 162mph. range on rwd 3 increases to 325 miles.	-0.4043	0.4767
3332	@realdonaldtrump thank you on behalf of spacex. also, thank you to @nasa, without whom this would not be possible.	-0.4043	0.6124
3333	@boeingceo @spacex @commercial_crew @nasa @space_station thank you. may you have good luck and godspeed with your spacecraft!	-0.4043	0.8126
3334	@guptajayant75 @erdayastronaut @causal_mind @nico_rosberg model s will be raised to 162mph too	-0.4043	0
3335	@ieoma123 i am not a dog. here's a pic of me: <a href="https://t.co/huy6yrydnc">https://t.co/huy6yrydnc</a>	-0.4043	0
3336	@halsell_garrett everyone knows earth is hollow	-0.4043	0
3337	@buran_orbiter @kristennetten @ieoma123 😊	-0.4043	0
3338	@pmnordkvist @tesla something like this could work	-0.4043	0.3612
3339	@worldandscience 69f	-0.4043	0
3340	@worldandscience one day we will be there to see for ourselves <a href="https://t.co/mds0h9cbqk">https://t.co/mds0h9cbqk</a>	-0.4043	0
3341	proximity docking sequence underway. dragon shadow visible on on @space_station solar arrays. <a href="https://t.co/elsxglivf0">https://t.co/elsxglivf0</a>	-0.4043	0
3342	@georgethomson79 @space_station yes, she would be able to breathe	-0.4043	0.4019
3343	spacex crew dragon has docked with international @space_station <a href="https://t.co/cccsitllvj">https://t.co/cccsitllvj</a>	-0.4043	0
3344	spacex team in hawthorne control, dragon docked to station above <a href="https://t.co/juwkorwjsh">https://t.co/juwkorwjsh</a>	-0.4043	0
3345	@katlinegrey @space_station спасибо за добрые слова!	-0.4043	0
3346	first public tesla v3.0 supercharger station goes live wed 8pm	-0.4043	0
3347	model y unveil event on march 14 at la design studio	-0.4043	0
3348	model y, being an suv, is about 10% bigger than model 3, so will cost about 10% more & have slightly less range for same battery	-0.4043	0
3349	detailed specs & pricing will be provided, as well as test rides in y	-0.4043	0.2732
3350	@teslaownerssv yes	-0.4043	0.4019
3351	@ikichullo normal	-0.4043	0
3352	@kirknason i believe so	-0.4043	0
3353	@mkbhd yes, anyone will be able to take videos	-0.4043	0.4019
3354	@jovanik21 @i_shtpst @mkbhd yes. personally, i'm most excited by the tesla truck. maybe it will be too futuristic for most people, but i love it.	-0.4043	0.8519
3355	@mariano_oscos no, just literally having toast & jam while playing jamming	-0.4043	0.2023
3356	@flcnhv @mariano_oscos <a href="https://t.co/ohmzifvrn5">https://t.co/ohmzifvrn5</a>	-0.4043	0
3357	@lizzieohreally yes	-0.4043	0.4019
3358	@scottwww @tesla gap in understanding is that \$35k model 3 production *starts* this month, but will not reach volume production until mid year. extremely difficult to predict middle part of manufacturing s-curve.	-0.4043	-0.4005
3359	@astroannimal buddy is like an earth pokémon	-0.2402	0.3612
3360	@mowo91 @astroannimal so cute!	-0.2402	0.4588
3361	@gfilche @tesla tesla comms is fixing. that was a mistake.	-0.2402	-0.34
3362	@astroannimal ❤️ ❤️ ❤️ <a href="https://t.co/aa zdynxzc">https://t.co/aa zdynxzc</a>	-0.2402	0
3363	yeah, i lift a little ... <a href="https://t.co/uajdv8qsw1">https://t.co/uajdv8qsw1</a>	-0.1108	0.296
3364	@plumazul @tesla ok	-0.1108	0.296
3365	@therock oh stop, you'll make me blush 😊	-0.1108	-0.296
3366	@cleantechnica @evannex_com @zshahan3 @tesla you're most welcome. very proud of tesla team. super tough 15 years!	-0.1612	0.8591
3367	@therock thanks, that sounds great!	-0.1612	0.7906

3368	@compdemon ukraine did play a major role	-0.1612	0.34
3369	warm pack is especially low when motors are running, as coolant loop routes motor heat to the pack when outside is cold (& rejects motor heat to air when outside is warm)	-0.1612	0.1045
3370	extremely important merch <a href="https://t.co/3zuin7kzyk">https://t.co/3zuin7kzyk</a>	-0.1612	0.2716
3371	latest software improves tesla supercharger times by up to 25% for all tesla s/x/3 worldwide, incl original 2012 model s. not splitting power across 2 supercharger stalls helps all cars up to 50%. <a href="https://t.co/h2mmbjkzlu">https://t.co/h2mmbjkzlu</a>	0.0781	0.7717
3372	@flcnhv we will spend 3 or 6 months with public beta of v3 in north america, make sure there are no corner case issues & then begin buildout worldwide.	0.0781	0.3182
3373	@rpmtesla yes, invitations go out tomorrow	0.0781	0.4019
3374	atmospheric entry at 17,000 mph is like a meteor & will vaporize steel. burn marks below are on cold side. main heatshield on bottom. <a href="https://t.co/grs7j751r4">https://t.co/grs7j751r4</a>	0.0781	0.3612
3375	@yobigbrotha phenolic impregnated carbon ablator, version 3	0.0781	0
3376	@jd_2020 all good, system maintained room temperature within spacecraft	0.0781	0.4404
3377	@barackobama @nasa @spacex @commercial_crew thank you on behalf of the people of spacex!	0.0780	0.3612
3378	@roscosmos @rogosin @jimbridenstine thank you on behalf of spacex! we have always admired your rocket/spacecraft technology.	0.0780	0.3612
3379	@bpsyt1 @erdayastronaut @roscosmos @rogosin @jimbridenstine raptor on way to hopper. will be mounted to vehicle next week.	0.0780	0
3380	@astronotic_s 27,000 km/h	0.0780	0
3381	@mkbhd @tesla 😊	0.0780	0
3382	@theonion <a href="https://t.co/jobxdo3zwh">https://t.co/jobxdo3zwh</a>	0.0780	0
3383	@nasa @spacex @space_station @commercial_crew dragon 2 was designed to land using thrusters, with parachutes as backup. switched to chutes as primary, due to difficulty of proving safety, but dragon can still do it. <a href="https://t.co/mr7vfiqwwf">https://t.co/mr7vfiqwwf</a>	0.0780	0.1027
3384	@ajithshan03 @nasa @spacex @space_station @commercial_crew no	0.0780	0
3385	@xandriteme @nasa @spacex @space_station @commercial_crew best to use a giant brake pad, aka heat shield	0.0780	0.6369
3386	@iamkostmos @nasa @spacex @space_station @commercial_crew most likely, but this is contingent upon nasa review & approval	0.0780	0.4767
3387	@dmk184 @nasa @spacex @space_station @commercial_crew pretty much any moon or planet that has a solid or liquid surface	0.0780	0.5859
3388	@djsnm @rockettenor @nasa @spacex @space_station @commercial_crew for cargo missions, propulsive land landing should be no problem. doesn't have same safety criticality as crew.	0.0780	0.0258
3389	@drew78823936 @erdayastronaut @djsnm @rockettenor @nasa @spacex @space_station @commercial_crew probably right. starship rate of progress far exceeds falcon & dragon, although they're critical to getting there. dinnovation/dt is what matters long-term.	0.0780	0.1531
3390	@cleantechnica true	0.0780	0.4215
3391	@cleantechnica true (sigh)	0.0780	0.4404
3392	@somepitch 2	0.0780	0
3393	@mfrunker @cleantechnica software release later this week should make it better	0.0780	0.4404
3394	@erdayastronaut @somepitch yeah, it might break	0.0780	0.296
3395	@jays200 @tesla ok	0.0780	0.296
3396	@teslaownerssv @jays200 @tesla couldn't resolve all the rights issues. will add another racing game soon.	0.0780	0
3397	tesla car prices go up ~3% next week, except for \$35k model 3. order online at <a href="https://t.co/46txqrssdr">https://t.co/46txqrssdr</a> before then for current prices.	-0.1812	0
3398	@vincent13031925 yes	-0.1812	0.4019
3399	applies worldwide	-0.1812	0
3400	@marc_benton @mrtoomycampbell those prices will revert to normal on monday too	-0.1812	0
3401	@soundanswer @marc_benton @mrtoomycampbell yes	-0.1812	0.4019
3402	@jeffborden_cga @marc_benton @mrtoomycampbell @tesla when prices go down, those who already bought want the lower price, but, if prices go up, those who already bought don't want to write tesla a check. so it goes.	-0.1812	-0.1531
3403	@johnny0129 we are still closing stores, just not as many as before. this basically splits the difference — about half as many stores closed, but then can afford only about half the price reduction. was discussed with exec team & board.	-0.1812	0
3404	@johnny0129 however, this obviously cannot be discussed with entire global stores team beforehand or news would leak	-0.1812	-0.34
3405	@fredericlambert @jeffborden_cga @marc_benton @mrtoomycampbell @tesla in retrospect, lower price shouldn't have been offered. was done so because some simply couldn't afford it. prices revert to normal on monday.	-0.1812	-0.296

3406	@brandynspears 6	-0.1812	0
3407	@syntality @fredericlambert @jeffborden_cga @marc_benton @mrtommycampbell @tesla of course	-0.1812	0
3408	@fredsa @fredericlambert @jeffborden_cga @marc_benton @mrtommycampbell @tesla that's the plan	-0.1812	0
3409	@tonytesla4life @tesla_truth @fredericlambert @jeffborden_cga @marc_benton @mrtommycampbell @tesla correct	-0.1812	0
3410	@tonytesla4life @tesla_truth @fredericlambert @jeffborden_cga @marc_benton @mrtommycampbell @tesla sure	-0.1812	0.3182
3411	@dmc_ryan sure, that would be great	-0.1812	0.7506
3412	@dirksmit76 our "list" prices are our actual prices. software (and automotive) vary prices frequently by changing the discount or rebate.	-0.1812	0
3413	@willfealey @tonytesla4life @tesla_truth @fredericlambert @jeffborden_cga @marc_benton @mrtommycampbell @tesla yes	-0.1812	0.4019
3414	@cooldream0 comes with 2019.8, which finishes validation this week	0.0201	0
3415	@mattlibman @jameshoffmann3 @cooldream0 plug in a usb drive to record video	0.0201	0
3416	@teslam3spain @tesla ota	0.0201	0
3417	s3xy <a href="https://t.co/3ectkel2bh">https://t.co/3ectkel2bh</a>	-0.1643	0
3418	@teslainventory @tesla next software update will increase storm watch sensitivity. you're right, it's currently too low.	-0.1643	0.0516
3419	@hedweg long-term, it's about coupling the collective will of humanity to ai. short-term, it's about improving the lives of those with brain or spine problems.	-0.1643	0.0258
3420	@tesla with pie 😊	-0.1643	0
3421	@thejmmonroe the hardest joke ever	-0.1643	0.296
3422	london to beijing supercharger route <a href="https://t.co/hxna8rcjga">https://t.co/hxna8rcjga</a>	-0.3042	0
3423	@supersaf @tesla exactly!	-0.3042	0
3424	@liketeslakim <a href="https://t.co/j3jyxghwdi">https://t.co/j3jyxghwdi</a>	-0.3042	0
3425	@dimas_ @liketeslakim yeah <a href="https://t.co/bwvurctxc0">https://t.co/bwvurctxc0</a>	-0.3042	0.296
3426	@shurathi17 would love to be there this year. if not, definitely next! ❤️ india ❤️	-0.3042	0.7845
3427	@geopilot @dimas_ @liketeslakim it also feels way bigger on the inside than it appears on the outside	-0.3042	0
3428	@liketeslakim there was something, but no one caught it	-0.3042	0
3429	designed to feel much bigger on inside than it looks on outside. an incredibly important principle. <a href="https://t.co/gu0Irgcdai">https://t.co/gu0Irgcdai</a>	-0.2698	0.2716
3430	end titles from blade runner played after model y webcast cut <a href="https://t.co/wjr1midzph">https://t.co/wjr1midzph</a>	-0.2698	0.0772
3431	about a minute in, we flashed a teaser pic of tesla cyberpunk truck <a href="https://t.co/hlsgsdyyuga">https://t.co/hlsgsdyyuga</a>	-0.2698	0
3432	@tesla @popmech still get this question a lot, even though norway NO has highest tesla cars per person on 🌎 (super appreciated!). also, awd is nice to have, but def not required for snow/ice.	-0.2698	0.875
3433	@colinrossubc827 @tesla @popmech exactly! in fact, better to have rwd with winter tires than awd with summer tires. we appreciate the extra expenditure if people do buy awd, but it isn't critical for snowy regions.	-0.2698	0.5106
3434	@trevormahlmann @tesla @popmech model 3 partial permanent magnet induction motor, especially with silicon carbide inverter, is so efficient that it outdoes two induction motors. if we could decouple forward induction motor to avoid spin losses, then range of dual might be higher, but that's a lot of complexity.	-0.2698	0.2212
3435	@dave_ross @tesla might arrive by june, but def before end of summer	-0.2698	0
3436	@vincent13031925 @dave_ross @tesla not exactly same time, as countries have different regulations & we try to build in batches to simplify production	-0.2698	0
3437	@vincent13031925 @dave_ross @tesla this causes some media confusion, as batch builds & ship arrival times can make our sales seem incredible one month & terrible following month, but consumer tastes don't actually vary so much. massive month over month changes are usually because of production/shipping schedules.	-0.2698	-0.6486
3438	@lexiheft @vincent13031925 @dave_ross @tesla definitely down the road, once construction & upgrades aren't so crazy	-0.2698	0.0772
3439	@askdrstupid @vincent13031925 @dave_ross @tesla yes!	-0.2698	0.4019
3440	reminder to buy our s3xy cars before midnight on monday! prices rise slightly worldwide on tuesday. you can order online at <a href="https://t.co/46txqrrsdr">https://t.co/46txqrrsdr</a> .	-0.2698	0
3441	to be clear, orders are fully refundable, even after you've had your tesla for a week	-0.2698	0.3818
3442	@nuovarealta if someone really wants to return the car in good faith on day 8, that's fine	-0.2698	0.7579
3443	@electrekco @fredericlambert wow, this is crazy	-0.2698	0.34
3444	@electrekco @fredericlambert goes against interests of all texans	-0.2698	0.25
3445	@austinbarnard45 first (really short) hops with one engine. suborbital flights with three.	-0.2698	0

3446	@flcnhv @austinbarnard45 hopefully. always many issues integrating engine & stage. first hops will lift off, but only barely.	-0.2698	0.4019
3447	@omarqazi @flcnhv @austinbarnard45 started rolling it out a few days ago. always starts slow, find rare corner case issues, fix them, continue rollout ...	-0.2698	0
3448	@erdayastronaut @flcnhv @austinbarnard45 raptor is *very* complex, even for a staged combustion engine. we're simplifying as much as possible with each iteration. throttling down to ~50% is hard, but manageable. going to 25% would be extremely tough, but hopefully not needed.	-0.2698	0.1987
3449	@the_real_keagan @tesla @liketeslakim @bensullins @teslainventory agreed	-0.2698	0.2732
3450	@nextspaceflight @erdayastronaut @flcnhv @austinbarnard45 working on regulatory approval for both boca chica, texas, and cape kennedy, florida. will also be building starship & super heavy simultaneously in both locations.	-0.2698	0.7906
3451	@erdayastronaut @flcnhv @austinbarnard45 you can deep throttle on single shaft system by choking flow of fuel or oxygen between pump & combustion chamber. problem is more with the tiny rocket engine that powers the pump, called a gas generator. that has to throttle *way* deeper than the main chamber.	-0.2698	-0.4019
3452	@annerajb @erdayastronaut @flcnhv @austinbarnard45 we decided to skip building a new nosecone for hopper. don't need it. what you see being built is the orbital starship vehicle.	-0.2698	0
3453	@annerajb @erdayastronaut @flcnhv @austinbarnard45 full size	-0.2698	0
3454	@sloppy93 @erdayastronaut @annerajb @flcnhv @austinbarnard45 only some of the hottest sections	-0.2698	0
3455	@mathias_wehler @sloppy93 @erdayastronaut @annerajb @flcnhv @austinbarnard45 hexagonal tiles on most of windward side, no shield needed on leeward side, transpiration cooling on hotspots	-0.2698	0
3456	testing starship heatshield hex tiles <a href="https://t.co/pyce9vthxq">https://t.co/pyce9vthxq</a>	-0.2698	0
3457	@kristennetten no straight path for hot gas to accelerate through the gaps	-0.2698	0.2263
3458	@some1gg transpiration cooling will be added wherever we see erosion of the shield. starship needs to be ready to fly again immediately after landing. zero refurbishment.	-0.2698	0.3612
3459	@sidewalksciguy @spacexfan9876 @erdayastronaut @sloppy93 @annerajb @flcnhv @austinbarnard45 falcon rocket booster is aluminum-lithium & carbon fiber, which have low max temperature allowables. super heavy booster is stainless steel. since it only goes to around mach 8 or 9, moreover at high altitude, it needs no heat shield, not even paint.	-0.2698	0.4215
3460	@alexwestergaard white-hot parts reached orbital entry temp of around 1650 kelvin	-0.2698	0.1027
3461	@rix yes, full duration	-0.2698	0.4019
3462	@jaredmecham coming soon	-0.0032	0
3463	@teslaownerssv @teslagong best to get a tesla powerwall, so you can power your house & also drive	-0.0682	0.6369
3464	@s_padival @jimcramer exactly	-0.0682	0
3465	@s_padival @jimcramer jim, no response?	-0.0682	0
3466	@vincent13031925 @s_padival @jimcramer jim can't take the heat	-0.0682	0
3467	@jimcramer jim cramer explains short-seller market manipulation <a href="https://t.co/vezlfwye1t">https://t.co/vezlfwye1t</a>	-0.0682	0
3468	@s_padival @castlerobinson2 @jimcramer me too! he was so great. loved colbert report too.	-0.0682	0.8402
3469	new tesla referral program just released <a href="https://t.co/re6ccx9yi5">https://t.co/re6ccx9yi5</a>	-0.3114	0
3470	@pennperspective @tesla you're welcome!	-0.3114	0.4588
3471	@kmanautovideo agreed, you can only win each prize once	-0.3114	0.8481
3472	@vincent13031925 ww	-0.3114	0
3473	@krp5 @vincent13031925 no, it's cumulative, but once you win one of the prizes, referral count resets to zero & you can't win that prize again. intent over time is to enable those without a massive social media presence to win.	-0.3114	0.9403
3474	@nichegamer how to win the boss fight in sekiro	-0.3114	0.296
3475	@ideasforem @tesla sounds like a good idea	-0.3114	0.6597
3476	@jdkndt @krp5 @vincent13031925 if someone has already won a roadster from a prior program, they're only eligible to win the signed performance y	-0.3114	0.5859
3477	@ideasforem @tesla sentry mode options will be:  always exclude home exclude work exclude saved locations ask off	-0.3114	-0.2263
3478	@breizh_72 @sofiaan @krp5 @vincent13031925 @bonnienorman reset	-0.3114	0
3479	@gadgetkc @ideasforem @tesla about to be upgraded to chromium	-0.3114	0
3480	please note prices on all tesla inventory cars worldwide rise by ~3% on april 1	-0.0855	0.3182
3481	to be precise, midnight on april 1, so effective april 2	-0.0855	0.4767

3482	to be clear, this doesn't affect tesla website order prices. existing inventory prices are currently slightly lower than on website. this will bring them in line.	-0.0855	0.1761
3483	@buidlhodl import tariffs, vat & transport costs	-0.0855	0
3484	@andrewmackenzie every car company is constantly changing prices, but nobody cares	-0.0855	0
3485	@uretericbud @tesla only when y is in production	-0.0855	0
3486	@littlemissflint @ryan_deitsch you're most welcome! glad to be helpful.	-0.0855	0.8316
3487	@worldandspace it's possible to make a self-sustaining city on mars by 2050, if we start in 5 years & take 10 orbital synchronizations	-0.0165	0
3488	@icannot_enough @andrewmackenzie ford has 4 ceos in 5 years & nobody blinks, but tesla loses 1 intern & it's front page news. i tell ya (shakes fist at sky) ...	-0.0165	-0.3182
3489	@rstefani11 will do	-0.0165	0
3490	thank you! <a href="https://t.co/vh4zujxiz4">https://t.co/vh4zujxiz4</a>	-0.0165	0.3612
3491	@thejimos glad you like it! navigate on autopilot hopefully approved for europe soon.	-0.0165	0.875
3492	@skiddlybinx yes, otherwise propellant usage for an atmospheric entry would be very high and/or center of mass would need to be very tightly constrained.  yes, but we're going to skip that at first to avoid fragging launch pads.	-0.0165	0.4215
3493	hard to appreciate how much tesla autopilot improves enjoyment of driving until you try it <a href="https://t.co/giqb2wlvab">https://t.co/giqb2wlvab</a>	-0.0165	0.6249
3494	@zachary1978 @tesla good point	-0.0165	0.4404
3495	that's exactly it. you're no longer mentally fatigued after a long drive. makes a major difference to your happiness level commuting home from work after a long day. <a href="https://t.co/9us9br8bze">https://t.co/9us9br8bze</a>	-0.0165	0.5574
3496	@ramlover69 12,000 lbs!? how puny. do you construct children's toys?	-0.0165	0
3497	@nasa @vp it would be so inspiring for humanity to see humanity return to the moon!	-0.0165	0.4215
3498	@erdayastronaut @nasa @vp i think so. for sure worth giving it our best shot! would be great to have a competitive, commercial program to build a moon base that is outcome-oriented (not cost-plus), so you only get paid for safe delivery of cargo.	-0.0165	0.9552
3499	@jose_goncalves_ 🎨	0.0537	0
3500	@_davidmacmillan no, it is one week either way.	0.0537	0
3501	@briantu super proud of tesla autopilot team!	0.0537	0.7906
3502	@chadmattar exactly	-0.0678	0
3503	@gerberkawasaki rare use case, but it is possible. there are complications with this. early prototype roadsters had this ability.	-0.0678	0.3182
3504	@ialexryan tax authorities tend to interpret things in their favor, but it sure sounds like you could be right! will investigate.	-0.0755	0.7579
3505	@martin_galway good point	-0.0755	0.4404
3506	@erinwinick @techreview super cool!	0.0578	0.7351
3507	@discovermag we should send probes to outer solar system & get high res, true color images of these strange things. maybe there's an alien artifact out there ...	0.0578	0.25
3508	@erdayastronaut @discovermag massive delta velocity slam from highly elliptical earth orbit using a fully retanked, but lightened up starship with no heat shield or fins/legs. best choice for the impatient. ion engines are too slow.	0.0578	0.6369
3509	anyone who purchased full self-driving will get fsd computer upgrade for free. this is the only change between autopilot hw2.5 & hw3. going forward "hw3" will just be called fsd computer, which is accurate. no change to vehicle sensors or wire harness needed. this is v important. <a href="https://t.co/licmpt7xn">https://t.co/licmpt7xn</a>	0.0578	0.6249
3510	@macbentosh anyone who bought fsd will get it	0.0578	0
3511	@emilmelar retrofits will start when our software is able to take meaningful advantage of the tesla fsd computer, which is an order of magnitude more capable. for now, it's slightly disadvantageous to have tesla fsd computer, as our software is more refined for hw2.	0.0578	0.7096
3512	@erdayastronaut @discovermag probably no fairing either & just 3 raptor vacuum engines. mass ratio of ~30 (1200 tons full, 40 tons empty) with isp of 380. then drop a few dozen modified starlink satellites from empty engine bays with ~1600 isp, mr 2. spread out, see what's there. not impossible.	0.0578	-0.5719
3513	@flcnhv @erdayastronaut @discovermag annoying that @ula perpetuates myth that delta iv heavy or atlas v can do some orbits that falcon heavy can't. this is absolutely false. fh would have to go full expendable for geo direct, but that's very rare.	0.0578	-0.4019
3514	@teslaanswers @flcnhv @erdayastronaut @discovermag we're going to try. side boosters come back to cape, center core lands on drone ship. latter will be coming in v hot & fast, so dicey.	0.0578	0
3515	@teslatino @mcjamez @teslaanswers @flcnhv @erdayastronaut @discovermag @tesla also the intense low frequency vibrations that you can't hear, but you can feel in your chest	0.0578	-0.2023
3516	@martinengwicht @flcnhv @erdayastronaut @discovermag @ula no, but for sure the other way around!	0.0578	0.3182

3517	@marshgre @nickbre58305797 @letsrebel1 @paul_rocchini @markbspiegel @tesla like the movie us. scary ... but also empathetic.	0.0578	0.3612
3518	@martinengwicht @erdayastronaut @discovermag even connectivity at my house in silicon valley sucks!	0.0578	-0.3612
3519	@worldandscience assert ("money" == series of heterogeneous databases insecurely connected with high latency. primary purpose == information system for allocation of human time. as automation++, value of money--);	0.0578	0.34
3520	@worldandscience c++ syntax sucks	0.0578	-0.3612
3521	🦆	0.0578	0
3522	lame	0.0578	-0.4215
3523	the quality of emojis varies wildly	0.0578	0
3524	@hconcience @worldandscience true	0.0578	0.4215
3525	@fewelljacob @worldandscience also true	0.0578	0.4215
3526	@techvelocirap @fewelljacob @worldandscience instagram comments are coding in emojis	0.0578	0
3527	emo g records <a href="https://t.co/zsub2ndl48">https://t.co/zsub2ndl48</a> <a href="https://t.co/anvkkefmgr">https://t.co/anvkkefmgr</a>	0.0578	0
3528	i'm disappointed that my record label failed	0.0578	-0.5106
3529	duck emoji defeats emo g records. crushing victory.	0.0578	-0.3612
3530	this might be my finest work	0.0578	0
3531	@annerajb <a href="https://t.co/tkkruvyckp">https://t.co/tkkruvyckp</a>	0.0578	0
3532	@teslarati wow	0.0578	0.5859
3533	@sdpilgrim no	0.0578	0
3534	@mowo91 coming soon!	0.0578	0
3535	amazing work by tesla delivery teams, especially in europe & china! most insane logistics challenge i've ever seen. thanks also to many country & city officials for your help this weekend! super appreciated.	0.0578	0.9349
3536	@saraccbleitao @tesla pre-happy birthday!	0.0578	0.5719
3537	tesla semi delivering tesla cars <a href="https://t.co/ttepcw5d8g">https://t.co/ttepcw5d8g</a>	0.0578	0
3538	@dailyrapfacts jung <a href="https://t.co/pdr4ji4lp">https://t.co/pdr4ji4lp</a>	0.0578	0
3539	@jeffmjenkins @hughes_zoo @tesla surprisingly difficult to address false positives with rain. system would go nuts trying to wipe away non-existent rain, which was obv ineffective.	0.0578	0.0772
3540	@nathanielalam_m final edit was on ableton	0.0578	0
3541	duck emoji ftw	0.0578	0.4588
3542	making the onion articles real ... <a href="https://t.co/o7855d9bwu">https://t.co/o7855d9bwu</a>	0.0578	0
3543	.@theonion	0.0578	0
3544	@d_a_m_b some people use their hair to express themselves, i use twitter	0.0578	0
3545	@carolineplz seems fair	0.0578	0.3182
3546	@jonahforman yes	0.0578	0.4019
3547	@chrisrauhl @tesla yes	0.0578	0.4019
3548	♥ NO norway NO ♥ <a href="https://t.co/x36hzoom8h">https://t.co/x36hzoom8h</a>	0.0578	0
3549	@keen_lab solid work by keen, as usual	0.0578	0.1531
3550	@imgur if 🦩 can do this, what can't they do!?	0.0578	0
3551	@projectvayo @keen_lab ironic stan	0.0578	-0.128
3552	@jgrano305 @projectvayo @keen_lab meant to say young, but spelled it wrong	0.0578	-0.4767
3553	@teslarati going forward, all tesla stores will be tiny & have tiny cars	-0.1634	0
3554	@maxwellk_ @teslarati yes 🦩	-0.1634	0.4019
3555	@maxwellk_ @teslarati and even tinier ones for tardigrades	-0.1634	0
3556	@vhollywood21 that car seemed so advanced when i watched that show as a kid! ♥ knight industries two thousand	-0.1634	0.25
3557	@iron_mechanic you're so right. working on it!	-0.1634	0
3558	@trevmckendrick no	-0.1634	0
3559	@universal_sci what could possibly go wrong?	-0.1634	-0.4767
3560	@klod_ua @universal_sci some challenges with ice formation in the cryogenic propellant prevalves. hopefully overcome soon.	-0.1634	0.4588
3561	yup <a href="https://t.co/upmkb24ynb">https://t.co/upmkb24ynb</a>	-0.1634	0
3562	@tom_heats dogecoin might be my fav cryptocurrency. it's pretty cool.	-0.1634	0.8176
3563	@dogecoin uh oh	-0.1634	0
3564	dogecoin rulz <a href="https://t.co/flwwugaglu">https://t.co/flwwugaglu</a>	-0.1634	0
3565	dogecoin value may vary <a href="https://t.co/uwerahpv63">https://t.co/uwerahpv63</a>	-0.1634	0.34
3566	obv just someone in a 🦩 suit. also, very sus that a 🦩 is reporting on this. <a href="https://t.co/rzyhczaclf">https://t.co/rzyhczaclf</a>	0.0047	0

3567	@ci_b0rg axel f <a href="https://t.co/djr8kgvih">https://t.co/djr8kgvih</a> <a href="https://t.co/hvm0ecooep">https://t.co/hvm0ecooep</a>	0.0047	0
3568	@karlstrahl responsible for more deaths than any other chemical! weirdly, dihydrogen dioxide, with only one extra oxygen, is not good to drink, but great for changing hair color.	0.0047	0.7964
3569	@kenlippenstein @mikaelthalen these rumors are untrue!	0.0047	0
3570	@martinengwicht @kenlippenstein @mikaelthalen fur-curious	0.0047	0.3182
3571	@sherylcrow @tesla change your screen preference from night mode to auto	0.0528	0
3572	@sherylcrow @tesla night mode with 0% brightness is actually too dark during the day. this is ultimately our fault. we will update our software so that 0% brightness is always usable relative to ambient conditions.	0.0528	0.3612
3573	@garagedoorsgman @sherylcrow @tesla agreed	0.0528	0.2732
3574	this is way more awesome than it might sound <a href="https://t.co/ihbczo6m1e">https://t.co/ihbczo6m1e</a>	0.0528	0.6249
3575	@sherylcrow @tesla glad you like it! sorry about the trouble earlier. helpful feedback for improving the car!	0.0528	0.7964
3576	starhopper completed tethered hop. all systems green. <a href="https://t.co/0m5bm5sld2">https://t.co/0m5bm5sld2</a>	0.0528	0
3577	@sherylcrow @tesla totally agree. tesla phone app should have all controls that car center screen has, so your phone can serve as a complete backup.	0.0528	0.4201
3578	@snazzyq neural net is upgraded too in this release. it's not just a settings change.	0.0528	0
3579	@ev_steeve @tesla great name 🤗	0.0528	0.6249
3580	@jake_cooley @snazzyq yes, needs to drive best clear path. lane lines are just one input.	0.0528	0.8591
3581	@christesla @tesla improvements coming soon	0.0528	0.3182
3582	@dave_chung @tesla ok	0.0528	0.296
3583	@leodotwalsh0x05 will take care of it	0.0528	0.4939
3584	@livingtesla @tesla it's there for when we start competing with uber/lyft & people allow their car to earn money for them as part of the tesla shared autonomy fleet. in case someone messes up your car, you can check the video.	0.0276	0.552
3585	@livingtesla @tesla also, it can be used to supplement cameras on outside of vehicle, as it can see through 2nd side windows & rear window.	0.0276	0
3586	@livingtesla @tesla only external cameras are being used right now, so internal is not enabled. when it is enabled, we'll add a setting to disable internal camera.	0.0276	0
3587	@slye @livingtesla @tesla impressive analysis	0.0276	0.5106
3588	@solussd @tesla sentry mode is barely at v1.0. will improve a lot in coming months.	0.0276	0.3862
3589	@patrickkc @tesla great work with stripe btw. much needed.	0.0276	0.6249
3590	@johnnacrider1 @patrickkc @tesla thanks 😊	0.0276	0.4404
3591	@mitchellhagan @marcelfeldkamp yes, instead of someone needing to drive their car personally, they can manage a fleet of self-driving cars	0.0276	0.4019
3592	@patrickstanley @livingtesla @tesla yes	0.0276	0.4019
3593	@newscientist please fix your paywall. your content is great, but your paywall is not.	0.0276	0.7506
3594	@newscientist i think i've paid for a subscription at least three times, but your paywall keeps forgetting this	0.0276	0
3595	@transopac @newscientist 🤦	0.0276	0
3596	@transopac @newscientist how much is it?	0.0276	0
3597	@transopac @newscientist good point	0.0276	0.4404
3598	stay positive 🎉 <a href="https://t.co/ujfreuacnp">https://t.co/ujfreuacnp</a>	0.0276	0.5574
3599	@ninatweets @transopac @newscientist hi nina! so ... how many £ would it take? just between us.	0.0276	0
3600	"...drivers in this dataset use autopilot for 34.8% of their driven miles, and yet appear to maintain a relatively high degree of functional vigilance." <a href="https://t.co/ezocco2bkg">https://t.co/ezocco2bkg</a>	0.0276	0
3601	@abledoc @fentrocit @real_john_d @mitchellhagan @marcelfeldkamp exactly	0.0276	0
3602	static fire data looks good so far. this is first launch of falcon heavy block 5, so we're being extra cautious. launch date might move. <a href="https://t.co/qtqxtqqe2k">https://t.co/qtqxtqqe2k</a>	0.0276	-0.4215
3603	max thrust of 2550 tons will be almost 10% higher than falcon heavy demo mission last year	0.0276	0
3604	latest autopilot update is epic. rolling out to all us owners with enhanced autopilot or full self-driving option. international coming soon. <a href="https://t.co/ftseo2jyvp">https://t.co/ftseo2jyvp</a>	-0.2179	0
3605	@isay3n many different regulatory authorities. just takes time.	-0.2179	0
3606	@dani190 base ap will have same nn, so core functionality also improves	-0.2179	0.4215
3607	@fatropea @dani190 exactly	-0.2179	0
3608	@bjornwf @tesla sure	-0.2179	0.3182
3609	@drcamiloortiz @thegodofpegana @tesla radar	-0.2179	0
3610	@dmc_ryan are you on mad max mode? this may be too meek for places like the la freeway ...	-0.2179	-0.128
3611	@flcnhv @dmc_ryan almost done	-0.2179	0
3612	tesla enhanced summon coming out in us next week for anyone with enhanced autopilot or full self-driving option	-0.2179	0

3613	team is working on international versions super hard btw. unfortunately, regulators around the world have different rules & processes, so just takes time.	-0.2179	0.2732
3614	@zurcynot07 that would be cool. color variation causes havoc though.	-0.2179	0.3182
3615	@kartikguptaa to make core ap more affordable	-0.2179	0
3616	@techreview already fixed	-0.2179	0
3617	@kkarthi002 @tesla definitely	-0.2179	0.4019
3618	@livingtesla @tesla good idea	-0.2179	0.4404
3619	starhopper <a href="https://t.co/vrnaupjwpt">https://t.co/vrnaupjwpt</a>	-0.2179	0
3620	@mercilessgains @tesla yeah, i'd love to do that	-0.2179	0.7506
3621	@austinbarnard45 you're welcome. thanks for your great photos!	-0.2179	0.875
3622	@annerajb @teslamilton @ianpavelko any user input counts	-0.2179	0
3623	@ncbirbhan time flies	-0.2179	0
3624	@obikela @ceo_plus_ch @tesla yes. working through regulatory approvals.	-0.2179	0.4019
3625	@olastensson two, independent system-on-chip architecture, with each soc having two nn accelerators that can perform simultaneous health-check calculations to protect against a soft error	-0.2179	-0.0258
3626	@eliabbott what city?	-0.2179	0
3627	@annerajb @petesauerbier mobile can do it no problem	-0.2179	-0.4019
3628	@mrblift @annerajb @petesauerbier ~80%	-0.2179	0
3629	@garymil61532928 @techreview yes	-0.0877	0.4019
3630	@mrtimdunn love brunel. great first name too.	-0.0877	0.8519
3631	@vincent13031925 @tesla building primary structure completion seems on track for may, but then it will take several months to install & activate factory equipment	-0.0877	0
3632	@bonnienorman @vincent13031925 @tesla no, it's better	-0.0877	0.4404
3633	@techreview .@jeffbezos copy 🦸	-0.1219	0
3634	@mcannonbrookes @digitalmedia_lm norway has already proven it could be done last month. no question australia could do this in far fewer than 11 years.	-0.1219	0
3635	i first read this as making wind with 🚁 <a href="https://t.co/7wkoetr2s">https://t.co/7wkoetr2s</a>	-0.1219	0
3636	@cdecienca first flight for falcon heavy block 5 means there is some risk of failure between 5% to 10% imo. many good design improvements from falcon heavy demo, but the changes are unproven.	-0.1219	-0.4767
3637	@techreview found a pic <a href="https://t.co/svohudrkqk">https://t.co/svohudrkqk</a>	-0.1219	0
3638	@techreview 🕵️ <a href="https://t.co/64kuoqkxeo">https://t.co/64kuoqkxeo</a>	-0.1219	0
3639	@rdstrick777 @jeff_foust actually true	-0.1219	0.4215
3640	@andrewyang i hope a cybernetic interface is ready in time. symbiosis, irrelevance (hopefully blissful) or doom seem to be the three most likely paths.	-0.1015	0.6597
3641	@daferna2 @andrewyang probably something notable to announce in a few months	-0.1015	0
3642	@yosdef @andrewyang haha sure sounds like it	-0.1015	0.7783
3643	@flcnhv @yosdef @andrewyang vengeance	-0.1015	0
3644	@spacex upper atmospheric wind shear is very high. will have to postpone launch unless weather improves soon.	-0.1015	0.2263
3645	@capture_10 @greg_wyler @jeffbezos @rancy2014 @tmfassociates haha exactly	-0.1015	0.4588
3646	@nasagoddard @spacex .@spacex team would be so honored to fly this for @nasa!	-0.1015	0.5859
3647	the falcons have landed <a href="https://t.co/bgqrnuymvh">https://t.co/bgqrnuymvh</a>	-0.1700	0
3648	@iamrishvan liquid oxygen	-0.1700	0
3649	thanks on behalf of @spacex team! we ❤️ ❤️ ❤️ @nasa! <a href="https://t.co/6jtlcp00f3">https://t.co/6jtlcp00f3</a>	-0.1700	0.4404
3650	@geoffdbarrett recovered from water, but undamaged	-0.1700	0
3651	@erdayastronaut @geoffdbarrett yes	-0.1700	0.4019
3652	@cnet made on earth by humans	-0.1700	0
3653	❤️ 🚁 🚀 spacex team 🚁 🚀 ❤️	-0.1700	0
3654	@robotbeat @gauntletkiller5039 this is true. they each have avionics, several nitrogen thrusters & steerable parachutes.	-0.1700	0.4215
3655	@barkmsmeagol @maldeShreyas samwise	-0.1700	0
3656	leasing now available for model 3 <a href="https://t.co/cz0tqn7ioz">https://t.co/cz0tqn7ioz</a>	-0.1700	0
3657	@28delayslater @tesla @mayemusk good point	-0.1700	0.4404
3658	@movingux @victor_leduc coming this year	-0.1700	0
3659	@murph876 lhd order page should be live within a few weeks. deliveries start hopefully june/july.	-0.1700	0.4019
3660	@murph876 ahem rhd	-0.1700	0
3661	@dirtnapdragon @tesla so if we raise prices in the future, will you cut tesla a check? can't have it both ways.	-0.1700	-0.2732
3662	@alecbenjamin that would be cool to do one day	-0.1700	0.3182
3663	@janeidyeve @maldeShreyas malala	-0.1700	0
3664	@martinengwicht @maldeShreyas da vinci biography	-0.1700	0
3665	@gfilche on april 22, investor autonomy day, tesla will free investors from the tyranny of having to drive their own car	-0.1633	0.5106

3666	@katharina_lamsa @tesla @thefuturist007 @swemfa @hanslak @spittwalker @antgrasso @akwyz @topcybernews cool	-0.1633	0.3182
3667	@cryptocobain cryptocurrency is my safe word	-0.1633	0.4404
3668	@jczolko coming this year	-0.1633	0
3669	please note that the price of the tesla full self-driving option will increase substantially over time	-0.1633	0.5574
3670	starting may 1	-0.1633	0
3671	@frozencanuck something like that	-0.1633	0.3612
3672	@kneibert tesla will start fsd computer upgrade in a few months	-0.1633	0
3673	@brandonbernick @tsrandall not good enough yet. pushing release by a few weeks. will be amazing.	-0.1633	0.7717
3674	@rebel44cz hopefully have the order page live before then. if not, will push price change out a bit later.	-0.1633	0.4019
3675	@yaypie there will be that too, but economics will favor initial purchase	-0.1633	0.4019
3676	@fredericlambert yes	-0.1633	0.4019
3677	@erdayastronaut @kneibert your interventions do train the nn, but we first verify that the training doesn't cause other issues, so expect step rather than continuous changes in capability	-0.1633	0
3678	@gregmatson yes, all cars with autopilot 2.0 or higher, so ~400,000 of tesla cars built to date	-0.1633	0.4019
3679	@calinroman3 @gregmatson yes	-0.1633	0.4019
3680	@tsrandall there is 35 gwh/yr "theoretical capacity", but actual max output is ~2/3. it was physically impossible to make more model 3's in q1 due to cell constraints.	-0.1633	0
3681	@tsrandall wow, a lot of people don't know much about how manufacturing works! if you have peak capacity of x, actual average weekly output will necessarily be less than x. first 6-12 months, it will be much less than x. impossible to predict exact production ramp s-curve.	-0.1633	0.5859
3682	@cbsnews mr buffett, please stop destroying dairy queen. in the name of all that is holy, please stop.	-0.1633	0.0516
3683	@ncbirbhan @cbsnews boring candy coming soon ...	-0.1633	-0.3182
3684	@teslarati poetic justice	-0.1633	0.5267
3685	@nichegamer @ncbirbhan @cbsnews mint berry crunch	-0.1633	0
3686	@teslarati sentry mode fundamentally empowers the individual car owner over entrenched interests, in this case a corrupt traffic judge. even tesla doesn't have access to the video unless sent to us by owner.	-0.1633	0.25
3687	@knightmararchon @evbite @johnrobb very much so. there are 2.5b cars & trucks on earth. even replacing 1% of that fleet would require making 25m vehicles per year. tesla will make over 500k cars in next 12 months, but that's a mere 2% of 25m or 0.02% of global vehicle fleet. car industry slow -> demand >&gt; supply.	-0.1633	0.5859
3688	@grzf_starship is kinda gundam	-0.1633	0
3689	@gilesgraves @savis1949 @wsj true, bloomberg is almost as bad	-0.1633	-0.1045
3690	@ginog01328427 @savis1949 @wsj @tesla yes, this was an utter boldface (literally) lie! unbelievable that wsj would write something so false.	-0.1633	0.4019
3691	@fredericlambert @gilesgraves @savis1949 @wsj i'm sorry, fred, but wsj has relentlessly attacked tesla with bogus articles for over a decade. they can't *all* be chalked up to poor reporting. where are the wsj exposé pieces on oil, coal & gas? that industry is 1000 times bigger than tesla. perhaps they're all angels ...	-0.1633	-0.7506
3692	@csharp3x7 @savis1949 @wsj good point, small oil is a problem too	-0.1633	0.0516
3693	@arctechinc @danahull @ginog01328427 @savis1949 @wsj @tesla @sec_enforcement haha true	-0.1633	0.7003
3694	@chapter11cases we will. you read it right.	-0.1633	0
3695	@kristennetten @arctechinc @danahull @ginog01328427 @savis1949 @wsj @tesla @sec_enforcement how embarrassing. will change.	-0.1633	-0.3818
3696	@johnrobb exactly	-0.1633	0
3697	@louisbotelho17 @kristennetten @arctechinc @danahull @ginog01328427 @savis1949 @wsj @tesla @sec_enforcement truth	-0.1633	0.3182
3698	@cleantechnica good interview by @lexfridman	-0.1633	0.4404
3699	@sanjeev_r11 @cleantechnica @lexfridman yes	-0.1633	0.4019
3700	@techreview just use this handy guide <a href="https://t.co/wwzgunpe5f">https://t.co/wwzgunpe5f</a>	-0.1633	0
3701	at some point, @theonion and i should just get a room ...	-0.1633	0
3702	@austinonsocial @theonion 💧 💧 ❤️ ❤️ 💬 💬 😊 😊	-0.1633	0
3703	please support my campaign to rebrand @wsj as 🎶 emoji!	-0.1633	0.6124
3704	@yourloyalpal @scomet04 @wsj deal	-0.1633	0
3705	@eforelectric @wsj that tweet did take immense effort 💪💪 fair point tho. powerwall production is now ramping fast. tesla was cell-starved last year, so we had to switch all lines to make packs for cars, which meant powerwall production was living off scraps.	-0.1633	0.3182
3706	thinking about adding giant stainless steel dragon wings to starship	-0.1633	0
3707	winter is coming	-0.1633	0
3708	@johankyu7 yes	-0.1633	0.4019
3709	@janeidyeve 6.5	-0.1633	0

3710	@jasonsellspa starship will land on a ring of fire	-0.1633	-0.34
3711	@dannylashep with steel membrane wings like a dragon, we may be able to lower starship's orbital reentry temp to ~1000 degrees c, which would allow the whole surface to be uncooled bare metal	-0.1633	0.296
3712	@teslaownerssv @dannylashep <a href="https://t.co/z9bvws0o95">https://t.co/z9bvws0o95</a>	-0.1633	0
3713	@officialjaden love just water btw	-0.1633	0.6369
3714	buying a car in 2019 that can't upgrade to full self-driving is like buying a horse instead of a car in 1919 <a href="https://t.co/oejxdmyjjj">https://t.co/oejxdmyjjj</a>	-0.1633	0.3612
3715	@tobyturner haha true. i actually love horses.	-0.1633	0.875
3716	@thismemeyguy yes	-0.1633	0.4019
3717	i was always crazy on twitter fyi	-0.1633	-0.1531
3718	@gauty23 i'm actually less crazy in person ... or am i? 😊	-0.1633	-0.2748
3719	@mwischer18 winter in snowfall is so beautiful	-0.1633	0.5994
3720	@erdayastronaut it can, but the attachment fixtures are different from standard f9 & they weren't ready in time	0.0958	0.3612
3721	@gamesyns @erdayastronaut engines seem ok, pending inspection	0.0958	0.296
3722	@theredding @erdayastronaut rockets are not yet safe enough to fly over land	0.0958	0.4404
3723	@houmanhemmati @cathedwood @arkinvest @tashaark @skorusark yes	0.0958	0.4019
3724	@iliketeslas haha	0.0958	0.4588
3725	@sjensenknight it's not a big deal. charge to 90% to 95% & you'll be fine. at 100% state of charge, regen braking doesn't work, because the battery is full, so car is less energy efficient.	0.0958	0.6284
3726	@shraddha_261291 @whattheffacts yeah, gave everything i had to tesla in dec 2008	-0.1944	0.296
3727	@techreview i'm an absolute unit too <a href="https://t.co/rf0btjmeen">https://t.co/rf0btjmeen</a>	-0.1944	0
3728	@shawnapandya @bryson_m @techreview are you good with sheep?	-0.1944	0.4404
3729	@natfriedman sheeps thank you 🐑	-0.0523	0.3612
3730	@baconmashwbs @natfriedman sheep replicants	-0.0523	0
3731	bach is killing it on youtube <a href="https://t.co/51b1jqpfy">https://t.co/51b1jqpfy</a>	-0.2673	-0.6597
3732	@ericidle @the_plugseeker @elonsbrain @themerl @tesla ❤️ ❤️ ❤️ 🙌 🙌 🙌 ❤️ ❤️ ❤️	-0.2673	0
3733	@universal_sci we are very tiny	-0.2673	0
3734	👉 ftw	-0.2673	0.4588
3735	@d_svtrs где инопланетяне?	-0.2673	0
3736	@wenger57793371 @d_svtrs вот где собака зарыта	-0.2673	0
3737	@weerhov говорят, что кур доят	-0.2673	0
3738	@loadiabe86 @skabooshka @groggytbear @barkmsmeagol @fitzsimmonsk @dwildemuth @handytsla @teslabull this is extremely messed up. @vw, what's going on?	-0.2673	-0.4005
3739	@senior_hunter milady, my shield is yours	-0.2673	0
3740	@flcnhy @loadiabe86 @skabooshka @groggytbear @barkmsmeagol @fitzsimmonsk @dwildemuth @handytsla @teslabull @vw never seen anything like it. tesla is just trying to make electric cars & solar power for a better future for all. true, we might not succeed, but why do they want us to fail?	-0.2673	0.5559
3741	respawn++ <a href="https://t.co/yvovv7vior">https://t.co/yvovv7vior</a>	-0.2673	0
3742	@4thfromourstar already have one	-0.2673	0
3743	@v_g_fischer @4thfromourstar coming soon	-0.2673	0
3744	@moyn1ckzanyat правда	-0.2673	0
3745	@jlist ❤️ JP	-0.2673	0
3746	@sofiaan @tesla actual tesla range is about 5 miles / 8 km past zero	-0.2673	0
3747	@the_plugseeker @elonsbrain @themerl @johncleese @ericidle love that movie!	-0.2673	0.6369
3748	full metal alchemy <a href="https://t.co/7umaanrg8t">https://t.co/7umaanrg8t</a>	-0.2673	0
3749	happy home planet day!	-0.2673	0.5719
3750	tesla full self-driving <a href="https://t.co/pggm5ohvjc">https://t.co/pggm5ohvjc</a>	-0.0038	0
3751	@ryanhummer it's automatic	-0.0038	0
3752	@royaljester62 @tesla yeah, will post soon	-0.0038	0.296
3753	@russotalks all cars made since oct 2016 either have the hardware needed for fsd or are trivially upgradeable	-0.0038	0
3754	@drewadamtepper @craighamnett @royaljester62 @tesla exactly	-0.0038	0
3755	warning, this presentation is 4 hrs & 20 mins long	-0.0038	-0.34
3756	@rosssheingold @tesla all model 3's ever made can upgrade	-0.0038	0
3757	full self-driving video <a href="https://t.co/9esu8llgfu">https://t.co/9esu8llgfu</a>	-0.0038	0
3758	@scottwww @valueanalyst1 @karpathy @tesla @nvidia exactly. also, you can't actually use computation from a separate gpu effectively, as you get choked on the bus, so most of the computation is irrelevant. high power, high cooling, but low true, usable tops. worst of all worlds.	-0.0038	0.4215
3759	@xandriteme @scottwww @valueanalyst1 @karpathy @tesla @nvidia on yeah, that too	-0.0038	0.296

3760	@scottwww @valueanalyst1 @karpathy @tesla @nvidia or maybe pegging	-0.0038	0
3761	@dasbub @sigitconsult @tesla reddit is hardcore. mostly correct analysis. comments so dark ...	-0.0038	0
3762	@teslaownerssv @scottwww @valueanalyst1 @karpathy @tesla @nvidia we'll let the nn loose on track mode one day... that'll be insane	-0.0038	-0.6124
3763	@flcnhvvy is that a real billboard?	-0.0038	0
3764	@rosssheingold @tesla upgrading hardware is not important for a few months	-0.0038	0.2023
3765	@dasbub @sigitconsult @tesla anyone who did this analysis should interview at tesla	-0.0038	0
3766	@iluvamp @ray4yu @tsport100 @tesla over a quarter million gasoline vehicle fires per year in usa alone <a href="https://t.co/xoak6v6t6f">https://t.co/xoak6v6t6f</a>	-0.0038	-0.25
3767	@valueanalyst1 @peterdevietien @scottwww @karpathy @tesla @nvidia as a robotaxi, probably closer to 16 hours, accounting for empty legs, travel to charger/cleaning/service, wait times, etc. ~30 mile penalty most likely imo over ~120 paid miles. impact is significant for electricity cost, battery wear cost & battery range pack needed.	-0.0038	-0.5859
3768	@msitver @frankluntz exactly. by end of this quarter, about half a million teslas will have full self-driving hardware (pending computer swap) & we will make another half million fsd cars by mid next year.	-0.0038	0
3769	@martinengwicht @msitver @frankluntz anti-matter def wins on energy density 🎉🎉	-0.0038	0.5574
3770	those who predicted tesla & evs would be dead & autonomy would never happen are same people attacking tesla today for 6-12 month delays, while ignoring major automakers 5+ years late. why the double standard?	-0.2424	-0.4253
3771	over a million combustion engine (it's right there in the name!) car fires per year & thousands of deaths, but one tesla car fire with no injuries gets biggest headlines. why the double standard? this is a real question.	-0.2424	-0.34
3772	reality is a tesla, like most electric cars, is over 500% *less* likely to catch fire than combustion engine cars, which carry massive amounts of highly flammable fuel. why is this never mentioned?	-0.2424	0.0935
3773	when you read double standard articles about tesla, please ask why. maybe there's a good reason that isn't obvious.	-0.2424	0.6369
3774	@jeffleach sad if true 😞	-0.2424	-0.0772
3775	@teslaownerssv @jeffleach thanks, support super appreciated	-0.2424	0.9153
3776	@fredericlambert fred, every fire *is* investigated. problem is those who only write about 0 injury tesla fires while ignoring fatal combustion car fires or fail to mention any contextual statistics in their article, misleading readers into thinking ev's have high fire risk when opposite is true.	-0.2424	-0.93
3777	@fredericlambert also, how did you manage to get shamed into being de facto anti-tesla by social media trolls. jeez ...	-0.2424	-0.3182
3778	@billseymour seriously	-0.2424	-0.1779
3779	@torgo82 @fredericlambert absolutely	-0.2424	0
3780	@fancypantless @fredericlambert @tesla will do	-0.2424	0
3781	@fredericlambert yeah, there was a major change in last several months. everyone noticed, fred. hello.	-0.2424	0.296
3782	tesla is going to develop a quiet, electric leafblower	-0.2424	0
3783	@ryancarlmercer maybe add a particulate filter on inlet	-0.2424	0
3784	@alvaroluken @rainnwilson it's been suggested by many, externally & internally	-0.2424	0
3785	@itsmurphyomg haha ok	-0.2424	0.6369
3786	@flcnhvvy @itsmurphyomg true	-0.2424	0.4215
3787	@justadood we can probably just repurpose model 3 hvac parts. not a big deal.	-0.2424	0
3788	tesla blows haha	-0.2424	0.4588
3789	@joshandscomb @egopowerplus someone else thought of an electric 🌱💨�� blower first? what!?	-0.2424	0
3790	@mkbhd can't think of anything	-0.2424	0
3791	@mkbhd perhaps the internet has some helpful suggestions?	-0.2424	0.4215
3792	new model s has 370 mile / 595 km range <a href="https://t.co/d6by7f2wut">https://t.co/d6by7f2wut</a>	-0.2424	0
3793	@mkbhd strange but true	-0.2424	0.25
3794	model s drives from san francisco to los angeles without recharging <a href="https://t.co/cyiinwwbqd">https://t.co/cyiinwwbqd</a>	-0.2424	0
3795	motor trend on model s updates <a href="https://t.co/lw9kfkwm33">https://t.co/lw9kfkwm33</a>	-0.2424	0
3796	@rainnwilson nope 😞	-0.2424	0
3797	@pornhub like blowing twigs too?	-0.2424	0.3612
3798	as mentioned before, tesla full self-driving option price will increase after may 1. you can order online at <a href="https://t.co/46txqrssdr">https://t.co/46txqrssdr</a> .	-0.2424	0.3182
3799	@patfan198010 considering	-0.2424	0
3800	@mike_mitrakos more like \$1000, but varies by country due to big differences in tax	-0.2424	0.3612
3801	@s3xynews @patfan198010 agreed, we're ramping up service centers & tesla mobile service worldwide	-0.2424	0.2732
3802	@dmc_ryan @theteslashow range will be above 1000km	-0.3070	0
3803	will be sentient, of course	-0.3070	0

3804	@nichegamer haha	-0.3070	0.4588
3805	cleantechnica summarizes new @bbc_topgear print cover story <a href="https://t.co/hgzzoqstns">https://t.co/hgzzoqstns</a> <a href="https://t.co/vphcrsz4rv">https://t.co/vphcrsz4rv</a>	-0.3070	0
3806	uk model 3 order page goes live next week, followed shortly thereafter by japan, australia, new zealand & hong kong	-0.3070	0
3807	we will delay \$1k full self-driving option price increase until may 10 for those unable to order by may 1	-0.3070	0
3808	@gabfdp uk order page will go live around may 1 or 2	-0.3070	0
3809	@falkenstrkent that's odd. will look into it.	-0.4273	-0.3182
3810	@thestreet @jimcramer @realmoney cramer is a simulation. he's not real.	-0.4273	0
3811	@thestreet @jimcramer @realmoney everyone knows	-0.4273	0
3812	@drdabbles @thestreet @jimcramer @realmoney yup	-0.4273	0
3813	@kuzniarpawel @gabfdp hoping to cover all of eastern europe this year	-0.4273	0.4215
3814	@erdayastronaut @stevenhardison @lrocket tom is still an advisor to spacex, but semi-retired about 5 years ago & doesn't work on raptor. will heltsley heads propulsion overall, but raptor is a team effort. no single leader.	0.0618	0
3815	@rdstrick777 @erdayastronaut @stevenhardison @lrocket no, just preparing for untethered hover tests	0.0618	0
3816	@janeidyeve only see about 5% of mentions. no deep logic to those i answer. aspirationally useful, but often whimsical.	0.0618	0.4404
3817	@janeidyeve it's just me writing, so the foolish things i say are entirely my fault 😊	0.0618	-0.624
3818	@teslaownerssv @janeidyeve haha yes	0.0618	0.6908
3819	@rdstrick777 @erdayastronaut @stevenhardison @lrocket 1	0.0618	0
3820	@gul_garak @janeidyeve certain regulatory agencies would beg to differ 🤦‍♂️🤦‍♂️	0.0618	0.2732
3821	@gamingspeedy we're working on it. takes time to get all regulatory approvals. almost there for the larger us states. at least 6 to 12 months for europe/uk.	0.0618	0
3822	@joelsapp @rrosenbl @tesla exactly, tesla & nvidia numbers described by pete were max *usable* teraops running our vision net	0.0618	0.25
3823	@martinengwicht @joelsapp @rrosenbl @tesla 21 tops for xavier. pegasus is just xavier with a power hog gpu on a separate board. problem is you can't transfer data fast enough between computer & gpu, so gpu usable tops is almost irrelevant.	0.0618	0.5994
3824	@attorneyfrey @marcuslauer3 @tesla @teslarati i think it will be something like that. much more productive to manage a fleet of robotaxis than only drive one taxi yourself.	0.0618	0.3612
3825	@redmor11 @pluginfund @joelsapp @rrosenbl @tesla nvidia is a great company, but we needed (essentially) a dedicated asic for vision-based driving, whereas their solution needs to serve many different customer needs.	0.0618	0.886
3826	@mowo91 @mayemusk quantum mechanics was harder than all my other courses combined, but so incredible	0.0618	0
3827	@bluemondance74 @mowo91 @mayemusk yes	0.0618	0.4019
3828	@mowo91 @mayemusk we have a big dog called gatsby, a little dog called marvin the martian & a cat named schrödinger	0.0618	0
3829	@arichduvet not as far as i know	0.0618	0
3830	@flcnhv @mowo91 @mayemusk that's them! schrödinger is neither here nor there.	0.0618	0
3831	@j_m_0_n the only thing beyond ludicrous is plaid!	0.0618	-0.3612
3832	@kristennetten @flcnhv @mowo91 @mayemusk once had a great dane named hamlet, because hamlet was a great dane	0.0618	0.8481
3833	@kristennetten @flcnhv @mowo91 @mayemusk any observation of schrödinger changes schrödinger	0.0618	0
3834	@malcolmmarsman @kristennetten @flcnhv @mowo91 @mayemusk schrödinger is a probability distribution in the shape of a cat	0.0618	0
3835	@stevecheney as sure as night follows day	0.0618	0.3182
3836	@worldandscience so true	0.0618	0.4215
3837	@westcoastbill sensors are for the weak. just go open loop.	0.0618	-0.4404
3838	@martinengwicht @mowo91 @mayemusk it's pretty much the only theory. this will mess with your mind: <a href="https://t.co/mhnzabidii">https://t.co/mhnzabidii</a>	0.0618	0.4939
3839	@martinengwicht @mowo91 @mayemusk physics is a set of compression functions for the simulation	0.0618	0
3840	@sara_boutall @martinengwicht @mowo91 @mayemusk might be boring	0.0618	-0.3182
3841	@flcnhv @sara_boutall @martinengwicht @mowo91 @mayemusk genau	0.0618	0
3842	@thestreet @jimcramer where's the proof!?	0.0618	0
3843	@timsierramist @tesla we don't buy advertising	0.0618	0
3844	@timsierramist @tesla our competitors do	0.0618	0
3845	starship on the moon <a href="https://t.co/ugjdg8ofid">https://t.co/ugjdg8ofid</a>	0.0618	0

3846	@0xskywalker damn haters	0.0618	-0.4019
3847	@gatoparlante yes	0.0618	0.4019
3848	starships on mars <a href="https://t.co/aykeo6atiz">https://t.co/aykeo6atiz</a>	0.0618	0
3849	malcolm @gladwell's new book is <a href="https://t.co/nqhwwik650">https://t.co/nqhwwik650</a>	0.0618	0
3850	og wisdom <a href="https://t.co/zoj8qzdrrv">https://t.co/zoj8qzdrrv</a>	0.0618	0.5267
3851	deepfake <a href="https://t.co/ubcxcnzj8e">https://t.co/ubcxcnzj8e</a>	0.0618	0
3852	@hamids @tesla excellent analysis	-0.2021	0.5719
3853	ethereum	-0.2021	0
3854	jk	-0.2021	0
3855	@nicegamer fate loves irony <a href="https://t.co/wizuptuoyn">https://t.co/wizuptuoyn</a>	-0.2021	0.5423
3856	and yet people ask what could possibly go wrong with ai <a href="https://t.co/crxqccdeca">https://t.co/crxqccdeca</a>	-0.2021	-0.4767
3857	@vitalikbuterin stop giving away free eth!	-0.2021	0.5423
3858	how many futures are there actually?	-0.2021	0
3859	@wonderofscience naturally ramanujan	-0.2021	0
3860	@savannahseymour of 14m futures, 13.9m were simply death by boredom	-0.2021	-0.5994
3861	@vitalikbuterin what should be developed on ethereum?	-0.2021	0
3862	@paulg good question	-0.2465	0.4404
3863	@s100d27 @paulg @cnbc @chamath yeah, weird	-0.2465	0.128
3864	@humanvsmachine sigh	0.2160	0.0258
3865	changing tesla horn sound to	0.2160	0
3866	maybe this goat is available <a href="https://t.co/qo2hr7vcsp">https://t.co/qo2hr7vcsp</a>	0.2160	0
3867	@arctechinc ok	0.2160	0.296
3868	@everythinggoats	0.2160	0
3869	@marshmellomusic here you go <a href="https://t.co/cnhjwbcmx6">https://t.co/cnhjwbcmx6</a>	0.2160	0
3870	@arctechinc only if unable to order by may 10	0.2160	0
3871	@mrtoommmycampbell @tesla you're welcome. thanks for buying a tesla!	0.0443	0.7096
3872	@valueanalyst1 true	0.0443	0.4215
3873	@cnbc margaritaville is one of my fav songs	0.0443	0.4588
3874	order online in 2 mins, 7 day return policy <a href="https://t.co/46txqrssdr">https://t.co/46txqrssdr</a> <a href="https://t.co/k1eyiy2qtx">https://t.co/k1eyiy2qtx</a>	0.0443	0
3875	@teslaownerssv later this month. we need to merge a lot of updates into main code branch.	0.0443	0
3876	also 1000 times more fun!	0.0443	0.5106
3877	that's a direct quote from warren buffett	0.0443	0
3878	@flcnhv candy is coming	0.0443	0
3879	@teslarati triggered	0.0443	0
3880	@jack_p yeah definitely	0.0443	0.5994
3881	@discovermag maybe they're among us. just saying maybe ...	0.0443	0
3882	@discovermag just kidding (obv), but the fermi paradox is bizarre <a href="https://t.co/p367fqy0hn">https://t.co/p367fqy0hn</a>	0.0443	-0.3182
3883	@kristennetten @discovermag close	0.0443	0
3884	@asilversteintv @scot_work @jkypes @tesla sorry for the inconvenience. we're aware of this glitch & it's fixed, but software updates wait for a wifi connection. policy has been changed to push updates like this over cell connection sooner.	0.0443	-0.0772
3885	@westcoastbill to air is human	0.0443	0
3886	@arctechinc will consider	0.0443	0
3887	@teslarati .@nasa support for reusability with high reliability, the critical breakthrough for orbital rockets, has made a big difference	0.0443	0.1027
3888	@rawasen_spacex needs to demonstrate more progress with starship, but that will hopefully happen rapidly	0.0443	0.6705
3889	space is easy, orbit is hard <a href="https://t.co/uuu2liek4b">https://t.co/uuu2liek4b</a>	0.0443	0.3612
3890	relatively speaking	0.0443	0
3891	@roseleomusk @nicegamer looks about 18 light-minutes away	0.0443	0
3892	@rjdlandscapes @cleantechnica yes	0.0443	0.4019
3893	@insideevs wow, how did they take this video!?	0.0443	0.5859
3894	@nicegamer @insideevs not to be taken literally, of course. he means any maker of dairy products.	0.0443	0
3895	dragon approaching space station <a href="https://t.co/s2p7o1g8sx">https://t.co/s2p7o1g8sx</a>	0.0443	0
3896	@cryptonekoz @tesla click checkbox under "advanced settings"	-0.3702	0.25
3897	@tesla too euro	-0.3702	0
3898	@tesla eurovision	-0.3702	0
3899	@tesla also, blood, gandalf the grey & superdraco	-0.3702	0
3900	@tesla my security car is called baby smurf	-0.3702	0.34
3901	@hfinnelll @tesla	-0.3702	0
3902	been wanting to go ever since that finnish metal band won <a href="https://t.co/kksntcdsaw">https://t.co/kksntcdsaw</a> <a href="https://t.co/jwobniobgn">https://t.co/jwobniobgn</a>	-0.3702	0

3903	@alzslabyrinth @uberfacts in recent years, hours were much higher. don't recommend though — bad for health & happiness. but no choice or tesla would die. hope to reduce to 80 hours next year.	-0.3702	0.1531
3904	@_tomcross_ @teslarati @spacex @13ericralph31 one of the biggest reusability improvements was fast leg stow. version 1 sometimes took days.	-0.3702	0.3182
3905	@kamraslaura FI ❤ finnish metal rocks ❤ FI	-0.3702	0
3906	@bravehearttexas does look like fun	-0.1053	0.7003
3907	@teslamodel3fan there are people not on twitter!? where are they?	-0.1053	0
3908	@pauljhorton @teslamodel3fan oh. they have nice pictures there.	-0.1053	0.4215
3909	@model3dlr @mortchad @ev_steeve @tesla we're closing the loop on autobahn driving. will improve dramatically in coming months. ultra gemütlich.	-0.1053	0.4404
3910	model 3 standard range+ with autopilot lease is \$399/month at <a href="https://t.co/46txqrssdr">https://t.co/46txqrssdr</a> , but lots of other evs available: <a href="https://t.co/eplztmxcgg">https://t.co/eplztmxcgg</a>	-0.1053	0
3911	even though lease cost is lower, i recommend purchase, as buyer retains upside value of car vs lease where you have give it back to tesla	-0.1053	0.4019
3912	@ev_steeve @flcnhvy @model3dlr @mortchad @tesla schatz, bitte hör auf- ich werde rot!	-0.1053	0
3913	@nichegamer @ev_steeve @flcnhvy @model3dlr @mortchad @tesla mein herz brennt is 🎵 boss fight song	-0.1053	-0.3818
3914	@tesla he's just kidding, folks, but best to turn car off just in case. also 2001 was 18 years ago.	-0.1053	0.6808
3915	@realhayman @tesla just behind the glovebox, which is, presumably, where the gloves are	-0.1053	0
3916	@baaldrogo @tesla probably shouldn't have called holding company cyberdyne systems 😏	-0.1053	0
3917	@tjallard i was just there about a month ago	-0.1053	0
3918	@worldandscience yeah, takes you to a big purple guy with a bejeweled gold glove	-0.1053	0.296
3919	@v_g_fischer @worldandscience yes	-0.1053	0.4019
3920	@jstantonlv @v_g_fischer @worldandscience time	-0.1053	0
3921	@sara_boutall @worldandscience baby thanos?	-0.1053	0
3922	@pwlwnd soon	-0.1053	0
3923	turns out there's more ways to use autopilot than we imagined	-0.1053	0
3924	shoulda seen it coming ...	-0.1114	0
3925	@teslany @tesla @motortrend latest model s is slightly faster	-0.1114	0
3926	@whatsupfranks @flcnhvy that journey will have a diff age rating	-0.1114	0
3927	@whatsupfranks @flcnhvy we could have gamed an la/ny autopilot journey last year, but when we do it this year, everyone with tesla full self-driving will be able to do it too	-0.1114	0
3928	@dystopian_blues @blueorigin @spacex @jeffbezos but putting the word "blue" on a ball is questionable branding	-0.1114	-0.296
3929	oh stop teasing, jeff 😊 <a href="https://t.co/wuwpcencse1">https://t.co/wuwpcencse1</a>	-0.1114	-0.296
3930	@erdayastronaut probably june 20	-0.1114	0
3931	.@cgpgrey drives a tesla across the loneliest road in america <a href="https://t.co/uaovehy4se">https://t.co/uaovehy4se</a>	-0.1114	0
3932	@a_bossaerts @nichegamer that's how i feel when i see dabbing	-0.1114	0
3933	@model3owners sure	-0.1114	0.3182
3934	@jonsrud @model3owners how about being able to look through any of the cameras?	-0.1114	0
3935	by spiderwee on artstation <a href="https://t.co/we3hokezst">https://t.co/we3hokezst</a>	-0.1114	0
3936	@icannot_enough how about "future is driving you", followed by the word "future" several times in decreasing font size?	-0.1114	0
3937	truth <a href="https://t.co/bts6qmlpiz">https://t.co/bts6qmlpiz</a>	-0.1114	0.3182
3938	cats, probably not tbh	-0.1114	0
3939	@lilzamud will try it	-0.1114	0
3940	@tesla yes, they are! 🎉	-0.1114	0.4019
3941	@mfrunker @tesla yes	-0.2555	0.4019
3942	❤ u3k <a href="https://t.co/mxoxeojrxw">https://t.co/mxoxeojrxw</a>	-0.2555	0
3943	@gorosart ok	-0.2555	0.296
3944	first 60 @spacex starlink satellites loaded into falcon fairing. tight fit. <a href="https://t.co/gzq8ghg9uk">https://t.co/gzq8ghg9uk</a>	-0.2555	0.3612
3945	if static fire 🚀 on mon, 🚀 on tues	-0.2555	-0.34
3946	these are production design, unlike our earlier tintin demo sats	-0.2555	0
3947	much will likely go wrong on 1st mission. also, 6 more launches of 60 sats needed for minor coverage, 12 for moderate.	-0.2555	-0.4767
3948	more details on day of launch, currently tracking to wednesday	-0.2555	0
3949	@ampontour that *might* not be my lucky 🎩 number	-0.2555	0.4767
3950	@ppathole @spacex it is flat-packed. no dispenser.	-0.2555	0
3951	@gorosart ok	-0.2555	0.296
3952	@mayemusk @kimbalmusk @toscamusk @kimbal happy mother's day. i love you mom!	-0.2555	0.836
3953	@mayapolarbear <a href="https://t.co/g7htdnsyu4">https://t.co/g7htdnsyu4</a>	-0.2555	0
3954	@kristennetten @mayapolarbear technically, his bro	-0.2555	0
3955	got season finale leaked <a href="https://t.co/wmoldssbt">https://t.co/wmoldssbt</a>	-0.2555	-0.3182

3956	@oha_alex it's a factor	-0.2555	0
3957	@macodiseas @oha_alex exactly	-0.2555	0
3958	@kurtybot @tesla a lot, but you can't count on lines	-0.0128	0
3959	@space_terp @nasaspaceflight both sites will make many starships. this is a competition to see which location is most effective. answer might be both.	-0.0244	0.4767
3960	@erdayastronaut @nasaspaceflight the opposite. any insights gained by one team must be shared with the other, but other team not required to use them.	-0.0244	0.34
3961	@bluemondance74 @space_terp @nasaspaceflight sn4 is done. hawthorne is working on sn5 now, but focus is ramping build rate of sn6 through sn10.	-0.0244	0
3962	@erdayastronaut @nasaspaceflight probably start installing end of next month	-0.0244	0
3963	@alejandro_debh @bluemondance74 @space_terp @nasaspaceflight that's about right	-0.0244	0
3964	@jeff_foust ☺	-0.0244	0
3965	starlink mission will be heaviest @spacex payload ever at 18.5 tons. if all goes well, each launch of 60 satellites will generate more power than space station & deliver 1 terabit of bandwidth to earth.	-0.1401	0.2732
3966	6 more launches of 60 ↗ for initial activation, 12 for significant coverage	-0.1401	0.2023
3967	@vicentes @xprize @kitkitschool @onebillion glad it worked out	-0.1401	0.4588
3968	@engineers_feed what makes resistance complex is that it's half imaginary!	-0.1401	0
3969	@engineers_feed physics demands the impedance of resistance, because it's not real	-0.1401	0
3970	@ketankavaiya123 @engineers_feed V-1 2^3 3.14 🤔	-0.1401	0
3971	and i am forever grateful <a href="https://t.co/ku1pt8t0yv">https://t.co/ku1pt8t0yv</a>	-0.4494	0
3972	@rocketlab congrats on many successful launches!	-0.4494	0.802
3973	@mrrobcapewell @tesla @apple @valueanalyst1 yeah, feels like something is messed up with apple news app. almost only ever shows negative news. nickname is "the hate stream" 🚫	-0.4494	-0.7037
3974	☺ <a href="https://t.co/n9ajxvfprt">https://t.co/n9ajxvfprt</a>	-0.4494	0
3975	@maggiejuang1 sure is. i live here. air quality is especially bad near highways. <a href="https://t.co/xebb5ip7mo">https://t.co/xebb5ip7mo</a>	-0.4494	-0.3597
3976	because a tesla produces no emissions & filters most toxins, pollen, spores & viruses, it actually cleans up surrounding air as it travels	-0.0163	0
3977	<a href="https://t.co/48s5d3ifws">https://t.co/48s5d3ifws</a>	-0.0163	0
3978	@mycatnameisshad no worse than production of a gasoline car, provided the lithium-ion battery cathode is primarily nickel vs cobalt. nickel is the main alloying ingredient in stainless steel, which is what knives & forks are made of.	-0.0163	-0.4767
3979	@millshive @chrisg_nsf @jdeshetler it technically could, but wouldn't have enough mass margin for a heat shield, landing propellant or legs, so not reusable	-0.0163	0
3980	@flcnhv top secret <a href="https://t.co/gi2wn2hvyo">https://t.co/gi2wn2hvyo</a>	-0.0163	0.2023
3981	lots more games coming once we finish porting unity! <a href="https://t.co/frbk1r5ydm">https://t.co/frbk1r5ydm</a>	-0.0163	0
3982	interact with games via touchscreen, steering wheel buttons & xbox/ps controllers	-0.0163	0
3983	@juanittoburrito @sargentwhitey of course	-0.0163	0
3984	tesla does not advertise or pay for endorsements. instead, we use that money to make the product great. <a href="https://t.co/ssrfoq1xyc">https://t.co/ssrfoq1xyc</a>	-0.0163	0.5719
3985	@billm_hb maybe so eventually, but it will be information & entertainment, not trickery	-0.0163	0.1779
3986	@fhiedra nintendo won't let us	-0.0163	0
3987	also porting unreal engine	-0.0163	0
3988	@gurleen_s_yes	-0.0163	0.4019
3989	@giarc71 almost ready. i'm testing it personally this weekend.	-0.0163	0.2975
3990	@punishedfranc83 @spaceXstarlink @spacex yes	-0.0163	0.4019
3991	@punishedfranc83 @spaceXstarlink @spacex easy to turn one of our starlink satellites into a debris collector	-0.0163	0.4404
3992	@liv_boeree ok	-0.0163	0.296
3993	@erik2be @teslarati sorry to hear that. will fix.	-0.0163	-0.0772
3994	@arkinvest good piece on lower total cost of ownership of electric vehicles	0.1544	0.1779
3995	@sama thanks sam!	-0.3286	0.4404
3996	@cleantechnica good design imo	-0.3286	0.4404
3997	@erdayastronaut @spacex physics favors full flow	-0.3286	0
3998	@bpsyt1 @erdayastronaut @spacex hopefully in about 10 days	-0.3286	0.4019
3999	@arctechinc @everman @cleantechnica yeah, been thinking about it for a long time. electric supersonic vtol. hard problem.	-0.3286	-0.2263
4000	@teslainventory coming soon	-0.3286	0
4001	@royalacademy @guardian @ft @telegraph did it for the memes <a href="https://t.co/jvnidssjmj">https://t.co/jvnidssjmj</a>	-0.3286	0
4002	☺	-0.3286	0
4003	@erdayastronaut @spacex turbopump propellant flow path to achieve high chamber pressure is quite tricky. requires an inducer & 2 impellers with ~100,000 shaft horsepower.	-0.0632	-0.4754

4004	@some1gee @erdayastronaut @spacex yes	-0.0632	0.4019
4005	@orion_sword @some1gee @erdayastronaut @spacex but, essentially, the spinning things	-0.0632	0
4006	@orion_sword @some1gee @erdayastronaut @spacex the turbine also spins though. partially combusted gas drives the turbine wheel, which is attached to a shaft that turns the inducer & impellers.	-0.0632	0
4007	boring company starts digging vegas tunnel in 2 months. aiming to finish by end of year. <a href="https://t.co/csso4srpfq">https://t.co/csso4srpfq</a>	-0.0632	-0.3182
4008	@bluemoondance74 @orion_sword @some1gee @erdayastronaut @spacex about to complete sn5, ramping to an engine every 3 days this summer	-0.0632	0
4009	@spexcast @bluemoondance74 @orion_sword @some1gee @erdayastronaut @spacex mk1 & mk2 ships at boca & cape will fly with at least 3 engines, maybe all 6	-0.0632	0
4010	@13ericralph31 @spexcast @bluemoondance74 @orion_sword @some1gee @erdayastronaut @spacex after the got finale, we dropped it to 6	-0.0632	0
4011	@janeidyeve @13ericralph31 @spexcast @bluemoondance74 @orion_sword @some1gee @erdayastronaut @spacex 3 sea level optimized raptors, 3 vacuum optimized raptors (big nozzle)	-0.0632	0.7184
4012	@13ericralph31 @janeidyeve @spexcast @bluemoondance74 @orion_sword @some1gee @erdayastronaut @spacex aspirationally	-0.0632	0
4013	@spexcast @13ericralph31 @janeidyeve @bluemoondance74 @orion_sword @some1gee @erdayastronaut @spacex hoping for 380 sec isp, but at least 370. otherwise similar to sea level version.	-0.0632	0.4215
4014	@_ishanspatil @spexcast @13ericralph31 @janeidyeve @bluemoondance74 @orion_sword @some1gee @erdayastronaut @spacex aiming for 150 tons useful load in fully reusable configuration, but should be at least 100 tons, allowing for mass growth	-0.0632	0.6705
4015	@curiousmind44 @spexcast @13ericralph31 @janeidyeve @bluemoondance74 @orion_sword @some1gee @erdayastronaut @spacex @jeffbezos makes no sense. in order to grow the colony, you'd have to transport vast amounts of mass from planets/moons/asteroids. would be like trying to build the usa in the middle of the atlantic ocean!	-0.0632	0.3612
4016	@debapratim15 @curiousmind44 @spexcast @13ericralph31 @janeidyeve @bluemoondance74 @orion_sword @some1gee @erdayastronaut @spacex @jeffbezos yes	-0.0632	0.4019
4017	@dirksmit76 two tunnels about a mile long each	-0.0632	0
4018	@trigomemetry sure	-0.0632	0.3182
4019	@tomkleach @trigomemetry <a href="https://t.co/viy0wgtfoz">https://t.co/viy0wgtfoz</a>	-0.0632	0
4020	@erdayastronaut @janeidyeve @13ericralph31 @spexcast @bluemoondance74 @orion_sword @some1gee @spacex yeah. outer engines with much larger nozzles are fixed to airframe, inner engines have high gimbal range ~15 degrees	-0.0632	0.296
4021	@flcnhv @marstronauts @erdayastronaut @janeidyeve @13ericralph31 @spexcast @bluemoondance74 @orion_sword @some1gee @spacex hopefully, 4 months	-0.0632	0.4019
4022	@malcolmmarsman @flcnhv @marstronauts @erdayastronaut @janeidyeve @13ericralph31 @spexcast @bluemoondance74 @orion_sword @some1gee @spacex 3 months	-0.0632	0
4023	@insideevs so it goes	-0.0632	0
4024	@flcnhv @malcolmmarsman @marstronauts @erdayastronaut @janeidyeve @13ericralph31 @spexcast @bluemoondance74 @orion_sword @some1gee @spacex first flights would have fewer, so as to risk less loss of hardware. probably around 20.	-0.0632	-0.4779
4025	@erdayastronaut @malcolmmarsman @flcnhv @marstronauts @janeidyeve @13ericralph31 @spexcast @bluemoondance74 @orion_sword @some1gee @spacex horizontally	-0.0632	0
4026	@alijamalahraf @erdayastronaut @michaelgalanin @spacex turbines on hot side (outer fan-looking things in this depiction), but this is just to illustrate the type of engine. our turbopumps are vertical, have 3 fan-looking things on pump side & complex cross-flow. liquid oxygen turbopump is integrated with main combustion chamber.	-0.0632	0.5574
4027	@erdayastronaut @janeidyeve @13ericralph31 @spexcast @bluemoondance74 @orion_sword @some1gee @spacex ~2.8m	-0.4270	0
4028	@erdayastronaut @janeidyeve @13ericralph31 @spexcast @bluemoondance74 @orion_sword @some1gee @spacex outer engines are attached to the edge of the airframe to give the center engines room to move	-0.4270	0
4029	@ecoheiliguy @erdayastronaut @janeidyeve @13ericralph31 @spexcast @bluemoondance74 @orion_sword @some1gee @spacex yes, will be used for rear cargo storage. also helps manage center of mass for heavy payloads when forward cargo is full.	-0.4270	0.6486
4030	@flcnhv @erik2be @teslarati part of the factory is being upgraded, but tours will continue around the parts that aren't	-0.4270	0
4031	@nichegamer @flcnhv @erik2be @teslarati tower with knight is across road from spacex, looking at rocket	-0.4270	0
4032	smart summon coming soon! <a href="https://t.co/pxbceqqads">https://t.co/pxbceqqads</a>	-0.4270	0.4019
4033	@d1g1taldragOn it's smart *and* enhanced!	-0.4270	0.4019

4034	new s & x are much improved. worth trying out. you're on version 2, current s/x is version 4. <a href="https://t.co/tq95zvobdw">https://t.co/tq95zvobdw</a>	-0.4270	0.6124
4035	launch in 3 mins <a href="https://t.co/qra9sufdm1">https://t.co/qra9sufdm1</a>	-0.4270	0
4036	@erdayastronaut @spacex @kerbalspacep thanks! yeah, that's pretty close.	-0.4270	0.8074
4037	@spacex all 60 starlink satellites online, solar array deployment coming up soon	-0.4270	0
4038	@spacex krypton ion thrusters activate in about 3 hours to raise orbit	-0.4270	0
4039	@spacex fairing halves recovered <a href="https://t.co/f82le8jllj">https://t.co/f82le8jllj</a>	-0.4270	0
4040	racing at 127mph in a tunnel under la <a href="https://t.co/vi4fatij6k">https://t.co/vi4fatij6k</a>	-0.4270	0
4041	@nepomucene @boringcompany pretty much	-0.4270	0.4939
4042	@eddios42 @nepomucene @boringcompany this is simple and just works	-0.4270	0
4043	fundamental advantage of layers of tunnels is you can have as many lanes as you want going in any direction. will feel like folding space from one part of a city to another.	-0.4270	0.5859
4044	@kateconger gary the  still crushes us! wouldn't be fair. but tbc might give him a run for his money next year.	-0.4270	-0.1531
4045	@tesla_truth ironically, same publications will attack me for compensation tied to tesla tripling in value and imply tesla is worthless. they can't *both* be true!	-0.4270	0.2732
4046	@spacexfan97 @kateconger so far, so good	-0.4270	0.4404
4047	@justpaulinelol yes. no one will forced to take the tunnel. it's optional!	-0.4270	-0.0772
4048	@dmc_ryan that would great!	-0.4270	0.6249
4049	@keyeslol @wofford_cameron @bourbonisgood2 la has a subway, but most people don't know about it	-0.4270	0
4050	@flcnhvy @dmc_ryan yes, but you get to your destination so quickly & directly that it doesn't matter	-0.4270	0.4215
4051	@quayran opposite is true: you can have 100's of layers of tunnels, but only one layer on surface (to first approximation), therefore trains should be on surface, cars below	-0.4270	0.4215
4052	thus *reducing* existing road traffic	-0.4270	0
4053	@alharding @ex_tesla @el_timbo @heikki_anttila lights would turn off automatically when no motion is detected	-0.4270	0
4054	@cleantechnica yup	-0.1962	0
4055	@spexcast @wentaiw @1darknesssoul5 @spacex good idea	-0.1962	0.4404
4056	@nichegamer edgy move	-0.0014	0
4057	@dealer_of_happy @tesla one day's grace, taking into account time zone confusion. will revert tomorrow.	-0.0014	-0.296
4058	@everman @andykiersz i paid most of my tesla-related expenses too. tesla last year was actually net negative comp for me.	-0.1243	-0.5719
4059	@teslatunity @everman @andykiersz yeah, the fear, uncertainty & doubt propaganda campaign being pushed by those betting against tesla has reached new heights	-0.1243	-0.7579
4060	@erdayastronaut @rmarcilhoo @kimitalvitie @spacexnow @chrsg_nsf @nasaspaceflight exactly. we're on the wrong planet for sssto. no problem on mars or any of the moons.	-0.1243	-0.7003
4061	@kimitalvitie @erdayastronaut @spacexnow @chrsg_nsf @nasaspaceflight not bad	-0.1243	-0.5423
4062	@ppathole @erdayastronaut @rmarcilhoo @kimitalvitie @spacexnow @chrsg_nsf @nasaspaceflight add 2 to 4 more raptors for starship point to point on earth. you can go surprisingly far, even with low lift/drag. this was an unexpected result.	-0.1243	-0.2023
4063	@13ericralph31 @ppathole @erdayastronaut @rmarcilhoo @kimitalvitie @spacexnow @chrsg_nsf @nasaspaceflight yeah, *way* better. dramatically improves cost, complexity & ease of operations. distances of ~10,000 km with decent payload seem achievable at roughly mach 20.	-0.1243	0.8481
4064	@bdgbill @teslaownerssv @tesla based on our data, autopilot miles appear to be twice as safe as manually driven miles, and we expect this to improve further	-0.1243	0.7003
4065	@wintonark thoughtful model	-0.1243	0.3818
4066	@shannonzkiller @nbcsnl @tesla	-0.1243	0
4067	@bazbarnum @martinwoolleyuk @elecvehicleguy feedback received. restoring white interior.	-0.1024	0.296
4068	model 3 performance <a href="https://t.co/congjmwndy">https://t.co/congjmwndy</a>	-0.1024	0
4069	@tmfsp85 s/x hepa filter is one of my favorite features	-0.1024	0.4588
4070	@flcnhvy @realkeith @tmfsp85 same	-0.1024	0
4071	@flcnhvy @realkeith @tmfsp85 also hepa filter is expensive, so would force increase in price	-0.1024	0.3182
4072	found an old copy of @signalapp <a href="https://t.co/vy357usebk">https://t.co/vy357usebk</a>	-0.3515	0
4073	@brandonbernick @signalapp releasing to early access program tesla owners next week	-0.3515	0
4074	new tesla summon will  ur	-0.3515	0
4075	scientists say it's a crucial step towards catgirls	-0.3515	0
4076	@atgeico	-0.3515	0
4077	@timcast working on starship	-0.3515	0
4078	this is my pet bee, eric <a href="https://t.co/pijpxjlleg">https://t.co/pijpxjlleg</a>	-0.3515	0

4079	@teslaownerssv 😊	-0.3515	0
4080	@tesla_truth read it on @bbcsciencenews <a href="https://t.co/k9nj5q2qbs">https://t.co/k9nj5q2qbs</a>	-0.3515	0
4081	@littlemissflint @tesla_truth @bbcsciencenews science 😊 🤓	-0.3515	0
4082	@vincent13031925 @tesla we're trying to simplify product complexity, so only offering white (technically black & white) interior in high volume markets	-0.3515	0
4083	@cleantechnica exactly	-0.3515	0
4084	@teslarati only cars made in china are eligible for these subsidies. tesla has never had access to them.	-0.3515	0
4085	@benedictevans @parthsheth avg speed of ny subway is actually 17mph. tbc loop can run at 155mph with 16 pax autopods passing every second, routing automatically between tunnels to their destination. that's 57,600/hour/lane & you can build dozens of lanes. will crush any subway in throughput & convenience.	0.3785	-0.1531
4086	@fredericlambert @benedictevans @parthsheth yes, as you point out, it will clear up a lot of the misunderstandings	0.3785	0.6486
4087	@benedictevans @parthsheth 155mph is common on the autobahn. even with only 5 offramp tunnels, exit speed drops to 31mph.	0.3785	0
4088	@willfealey no problem if you want to post the suggestions on this timeline. it's great to get thoughtful criticism.	0.3785	0.34
4089	@izackton12 yes	0.3785	0.4019
4090	@teslatino @tesla yes	-0.0171	0.4019
4091	@aerospaceknight @vw ❤️	-0.0171	0
4092	@teslatino annual tire rotation is actually optional. only worthwhile if you see significant differential wear on inside vs outside of tire.	-0.0171	0.2023
4093	@endyogaming @teslatino good point. maybe we could collect rainwater, add a little antifreeze in cold climates & make it last for years.	-0.0171	0.4404
4094	💔 NO norway NO 💔 <a href="https://t.co/ia4qj6agji">https://t.co/ia4qj6agji</a>	-0.0171	0
4095	@erlarnoy super fair criticism. we're putting max resources on this. hard to hire enough repair technicians in norway! please apply if interested.	-0.0171	0.7845
4096	@flicnhvy @erlarnoy absolutely agree. major expansion of service centers underway.	-0.0171	0.4201
4097	@arenpageler storm watch was active for hundreds of powerwall customers this weekend as a result of @nws red flag fire warnings in california, and we will continue to activate it whenever there advance awareness of a potential power outage or physical danger	-0.1698	-0.4767
4098	@billgates fear (and memes) get clicks	-0.1698	-0.4939
4099	landing in the fog <a href="https://t.co/7s0xrzivvr">https://t.co/7s0xrzivvr</a>	-0.5345	0
4100	true, cost of operating a tesla is much lower than other cars <a href="https://t.co/75huaomp8y">https://t.co/75huaomp8y</a>	-0.5345	0.1531
4101	⚡ is relativistic side effect of ↗	-0.5345	0
4102	@cleantechnica applies to a small number of bay area residents, but worth checking out	0.0128	0.296
4103	@erdayastronaut @spacex fun!	0.0128	0.5106
4104	@tesla_truth yeah, they were a little off the mark <a href="https://t.co/yqzhvkbdrt">https://t.co/yqzhvkbdrt</a>	0.0128	0.296
4105	@pewdiepie haha	0.0128	0.4588
4106	@pewdiepie (muffled titter) <a href="https://t.co/xaonozkdg6">https://t.co/xaonozkdg6</a>	0.0128	0
4107	@starlight_energ @28delayslater @tesla exactly	0.0169	0
4108	tesla solar roof tile v3.0 starting early trials <a href="https://t.co/ueqboovxym">https://t.co/ueqboovxym</a>	0.0169	0
4109	us tax credit of \$3750 drops in half for tesla on july 1. order online in a few mins at <a href="https://t.co/46txqrrsdr">https://t.co/46txqrrsdr</a> . return in 7 days for full refund.	0.0169	0.3818
4110	"not only was the paint without any discernible flaw, but the various panels formed a body of precision that was beyond reproach" <a href="https://t.co/qisnfbw9p">https://t.co/qisnfbw9p</a>	0.0169	0
4111	@davidcarlstrom thanks bob! he is a tough critic.	0.0169	0.34
4112	@s_padival @mikeammo 😊	0.2056	0
4113	@kulability @mikeammo yeah, dual motor awd is super fun!	0.2056	0.8555
4114	@futurism fair point	0.2056	0.3182
4115	@futurism don't make me challenge you to a rap battle!!	0.2056	-0.3182
4116	@augmentedryan @futurism sounds about right	0.2056	0
4117	can't fool me it was 1669 <a href="https://t.co/wrnyfi4dxw">https://t.co/wrnyfi4dxw</a>	0.2056	-0.4404
4118	@dohmanbob @atx_fight_club cool, that's the way it should be!	0.2056	0.3182
4119	@btermanini @sascha_p @tonywugz @tesla yes, excessively configurable seats almost always make things worse, rather than better. too complex & unwieldy.	0.2056	0.3612
4120	truth is a metaphorical concept with no footwear or clothing of anything kind. also, baby don't hurt me haha <a href="https://t.co/akwsaq3ep">https://t.co/akwsaq3ep</a> <a href="https://t.co/blbdqiqbtz">https://t.co/blbdqiqbtz</a>	0.2056	0.6486
4121	unlike bees, who are experts in millinery <a href="https://t.co/dhbkdqa19b">https://t.co/dhbkdqa19b</a>	0.2056	0
4122	@orangedurito @space_station weird that this actually happened. music makes a big difference.	0.2056	-0.1779

4123	@clickhole the ass blade of vengeance!	0.2056	-0.5423
4124	@rstar346 @elonmusknt @phil343thomas @tonywugz @tesla no need, top gear already did https://t.co/dnegqyhe7n	0.2056	0.2023
4125	@nichegamer bg2 was so good	0.2056	0.4404
4126	falcon rising https://t.co/xnxltl8lhi	0.2056	0
4127	<a href="https://t.co/bhkdy5hr6">https://t.co/bhkdy5hr6</a>	0.2056	0
4128	<a href="https://t.co/ktitxbxtbg">https://t.co/ktitxbxtbg</a>	0.2056	0
4129	@cleantechnica good analysis. both computers will be used & sync ~20 times per second. this is a long time to a computer. like a twin-engine plane, use both engines to max for normal operation, but can safely operate on just one.	0.2056	0.8225
4130	@flcnhv @cleantechnica by far	0.2056	0
4131	@mark_schreurs good question. will consider thoughtful response.	0.2056	0.6705
4132	model 3 arriving in uk https://t.co/0azvitnzn	0.2056	0
4133	@johnnacrider1 @nasa @spacex @nasa_technology @reddit thanks 😊	0.2056	0.4404
4134	@bluestonenew @digitaltrends @spacex 10 years ago, spacex server room was named skynet as a joke. fate 💔 irony.	0.2056	0.25
4135	@flcnhv @bluestonenew @digitaltrends @spacex might get pushed to next month. starhopper flight first. waiting on engine repair.	0.2056	0
4136	@hair_tennant i've been tweeting strange shit since ramses ii. he was a great pharaoh!	0.2056	0.5106
4137	@shadowcattrash overall master plan should be explained. i think it still makes sense if we don't consider ai 2b other.	0.2056	0
4138	@teslamiles @shadowcattrash that's the tesla part	0.2056	0
4139	@hair_tennant my chariot license is made of papyrus!	0.2056	0
4140	@vincent13031925 @teslamiles @shadowcattrash not sure yet	0.2056	0.3182
4141	touched by an 🎶 https://t.co/lqpq5ff0pk	-0.2265	0
4142	@28delayslater missed you too 💔	-0.2265	-0.296
4143	@teslatn @28delayslater @cnbc 🎶	-0.2265	0
4144	@flcnhv 🎶 non, je ne regrette meme 🎶	-0.2265	0
4145	@nichegamer actually, i stole it from my secret meme dealer #moneygang	-0.0636	0
4146	@cleantechnica @tesla sole meunière https://t.co/eyi4ghmj5x	-0.0636	0
4147	@janeidyeve @cleantechnica @tesla original star wars	-0.0636	-0.3182
4148	@ktla @hprobocop but on the inside ... https://t.co/tkvrtyimn	-0.0636	0
4149	@teslarati this will be our most difficult launch ever	-0.0636	-0.3612
4150	@techau @tesla will consider	-0.0636	0
4151	starting next month, tesla will charge \$1000 for color black (same price as silver)	-0.0636	0
4152	@dealer_of_happy a simple white (not pearl multi-coat)	-0.0636	0
4153	reminder that us federal tax drops by \$1875 for any tesla delivered after june 30. order online at https://t.co/46txqrssdr.	-0.0636	0
4154	@model3owners how about baby pink?	-0.2108	0
4155	@marshgre @model3owners one of my favorite original roadster colors!	-0.2108	0.6486
4156	@cmdr_hadfield @spacex @ourworldindata exactly. and many areas of countries showing good internet actually have poor or no access, so those are important to address too.	-0.2108	0.1531
4157	kids playing beach buggy in tesla store https://t.co/palyq9rpzl	-0.2108	0.2023
4158	stonk tip of the day https://t.co/tvpodcatkk	-0.2108	0
4159	@hntrclns yezz	-0.2108	0
4160	<a href="https://t.co/gcshamgnxz">https://t.co/gcshamgnxz</a>	-0.2108	0
4161	we are the von neumann machines	-0.2108	0
4162	@kristennetten https://t.co/ilogfzgdh	-0.2108	0
4163	@engineers_feed real issue will an aging & declining world population by 2050, *not* overpopulation. randers estimate far more accurate than un imo: https://t.co/cdhf62bxpb	0.0779	0
4164	@eugenelee3 @engineers_feed yes, demographics, stratified by age, will look like an upside down pyramid with many old people & fewer young	0.0779	0.6369
4165	@tmornini @tesla no, we're already recycling them	0.0779	0
4166	@alex_avoigt @valueanalyst1 @mickpaul4 @tesla a few other small things change, but pretty close	0.0779	0.4939
4167	@s8n https://t.co/fd4ab64rok	-0.0921	0
4168	@polybork @s8n haha	-0.0921	0.4588
4169	@s8n swear it works great in hell or yer 💩 back	-0.0921	-0.1779
4170	@fermatslibrary e^ln(💩) = 💩	-0.0921	0
4171	@itwiggled maybe a musket with candy ammo?	-0.0921	0
4172	anywhere can be paradise as long as you have the will to live. 新世紀エヴァンゲリオン https://t.co/bc2g5uypzs	-0.0921	0
4173	accelerating starship development to build the martian technocracy	-0.0921	0

4174	@erdayastronaut a lot.	-0.0921	0
4175	@perky3327 @erdayastronaut mars belongs to the martians	-0.0921	0
4176	@urnamma after starship returns from orbit	-0.0921	0
4177	@robertgigawatt @urnamma earth	-0.0921	0
4178	<a href="https://t.co/yuusndwmew">https://t.co/yuusndwmew</a>	-0.0921	0
4179	@flcnhv 🌚	-0.0921	0
4180	@flcnhv moon too	-0.0921	0
4181	@erdayastronaut @flcnhv for sure moon 1st, as it's only 3 days away & u don't need interplanetary orbital synchronization	-0.0921	0.3182
4182	@minamyoussef @erdayastronaut @flcnhv <a href="https://t.co/nehmzhjee">https://t.co/nehmzhjee</a>	-0.0921	0
4183	@erdayastronaut @flcnhv raptor liberated its oxygen turbine stator (appears to be mechanical, not metal combustion failure), so we need to update the design & replace some parts. production is ramping exponentially, though. sn6 almost done. aiming for an engine every 12 hours by end of year.	-0.0921	-0.5106
4184	@harrystoltz1 @erdayastronaut @flcnhv full year production is usually ~70% of peak daily rate, so 500/year. still, non-trivial at 100,000 tons of thrust/year.	-0.0921	-0.0258
4185	@erdayastronaut @harrystoltz1 @flcnhv more than that now, but <10% of that in volume, although much to be proven	-0.0921	0
4186	anarcho-syndicalism ftw!!	-0.0921	0.4588
4187	yet another monty python reference, possibly my favorite <a href="https://t.co/kzjh26eien">https://t.co/kzjh26eien</a>	-0.0921	0.4588
4188	@datklow chomsky sucks	-0.0921	-0.4404
4189	@erdayastronaut @13ericralph31 @harrystoltz1 @flcnhv since raptor produces 200 tons of force, cost per ton would be \$1000. however, raptor is designed for ~1000 flights with negligible maintenance, so cost per ton over time would actually be ~\$1.	-0.0921	0
4190	@erdayastronaut @13ericralph31 @harrystoltz1 @flcnhv planning on a simplifying mod to raptor for max thrust, but no throttling, to get to 250 mt level	-0.0921	0
4191	@joe_mckirdy @erdayastronaut @13ericralph31 @harrystoltz1 @flcnhv depends on destination	-0.0921	0
4192	@evafoxi haha	-0.0921	0.4588
4193	@28delayslater @evafoxi third revision of enhanced summon hopefully going to tesla owners with early access later this week	-0.0921	0.4019
4194	@elontimes yeah, we've been working on curbs a *lot*. concrete seams too. so glamorous.	-0.0921	0.296
4195	@teslaownerssv @elontimes excessive shades of grey	-0.0921	0
4196	@soswow @elontimes anything with high contrast	-0.0921	0
4197	@engadget so cool	-0.0921	0.3182
4198	@spacexfan97 @erdayastronaut @13ericralph31 @harrystoltz1 @flcnhv same as last time, although we made a design improvement that could yield about 7 bar more	-0.0921	0.4588
4199	@elthiryal @erdayastronaut @13ericralph31 @harrystoltz1 @flcnhv yes, they run at *much* higher pressure, but lower temperature. thermal shock & strain are what fatigue merlin turbine blades. solvable for high reusability, but better to apply that engineering to raptor.	-0.0921	-0.1027
4200	@some1gee @erdayastronaut @13ericralph31 @harrystoltz1 @flcnhv it's a factor. main reason is that ffsc is the ultimate architecture for converting propellant into rocket velocity.	-0.0921	0
4201	@erdayastronaut @13ericralph31 @harrystoltz1 @flcnhv all raptors have slight throttle range by adjusting flow to ox & fuel turbines, but deep throttling imposes limitations on injector stiffness & needs extra hardware. swear these are legit technical terms 🤯	-0.0921	-0.0516
4202	falcon heavy on lc-39a <a href="https://t.co/fsffa7brrk">https://t.co/fsffa7brrk</a>	-0.2491	0
4203	@scobleizer @tesla @teslaownerssv ❤️ tesla software engineering ❤️	-0.2491	0
4204	@teslarati odds of center core surviving are about 50% imo, as it's coming in about 4 times faster than a rifle bullet	-0.2491	0
4205	@renatakonkoly @teslarati yes, the droids can now hold down the center core	-0.2491	0.4019
4206	❤️🚀 apollo 11 🚀❤️ <a href="https://t.co/zj68cealnl">https://t.co/zj68cealnl</a> <a href="https://t.co/joemjix87x">https://t.co/joemjix87x</a>	-0.2491	0
4207	@game_overlord98 yeah	-0.2491	0.296
4208	@austinbarnard45 just watched it from your link ❤️❤️	-0.2491	0
4209	@stevenhardison at cape for launch, so watched on hotel screen, but still so beautiful ...	-0.2491	0.5994
4210	on mars, i like to drink my coffee in this mug <a href="https://t.co/dn7aiyhq3">https://t.co/dn7aiyhq3</a>	-0.2491	0.3612
4211	@annerajb @kickber ok	-0.2491	0.296
4212	@john_gardi uh oh	-0.2491	0
4213	@steelsully @annerajb @kickber @explorespaceksc yeah, that sounds ideal! i love the ksc rocket garden. spent many days there looking at rocket design details.	-0.2491	0.8689
4214	@erdayastronaut @steelsully @annerajb @kickber @explorespaceksc absolutely	-0.2491	0
4215	@ethyr44 @erdayastronaut @steelsully @annerajb @kickber @explorespaceksc yes! i love botanical gardens. this is my favorite: <a href="https://t.co/mp1jwqh85">https://t.co/mp1jwqh85</a>	-0.2491	0.872
4216	@_tomcross_heat will breathe life into mars	-0.2491	0
4217	@tesla_truth @_tomcross_yeah	-0.2491	0.296

4218	@marialauraadr @_tomcross_ waiting for falcon heavy to launch means high cortisol levels. this is our toughest rocket launch ever.	-0.2491	0
4219	@0411ashwin colonizing mars one mug at a time!	-0.2491	0
4220	@0411ashwin no, it's along the way	-0.2491	0
4221	@autonomyev @tesla_truth @marialauraadr @_tomcross_ one of our main conference rooms at spacex is named after goddard	-0.2491	0
4222	@autonomyev @tesla_truth @marialauraadr @_tomcross_ he was the real deal	-0.2491	0
4223	@erdayastronaut center core rud. it was a long shot.	-0.2491	0
4224	@spacexupdates @erdayastronaut high payload/delta-v missions will always be far downrange. value of boost stage is measured (essentially) by *horizontal* velocity imparted to upper stage. altitude is almost unimportant.	-0.2491	0.6249
4225	ms. tree caught the falcon fairing!!	-0.2491	0
4226	@sptlightvids @spacex yes, but we couldn't take a chance on 2nd stage failing it's 4th maneuver. this mission was more complex than anything i'm aware of in history of rockets. rip center core, you did your duty well.	-0.1377	0.7003
4227	@mattlbates @erdayastronaut i know ... sigh. those are truly a work of art.	-0.1377	0.4588
4228	@bluemondance74 @sptlightvids @spacex working on tesla global logistics	-0.1377	0
4229	@bluemondance74 @sptlightvids @spacex :(	-0.1377	0
4230	@malcolmmarsman @bluemondance74 @sptlightvids @spacex ok, thanks	-0.1377	0.6249
4231	@erdayastronaut @justpaulinelol @mattlbates most likely. it is programmed to do so.	-0.1377	0
4232	@therrinkscvc @steelsully @annerajb @kickber @explorespaceksc sure, that would be an honor	-0.1377	0.6705
4233	@romaarra ok	-0.1377	0.296
4234	@cocalarix @romaarra probably sooner	-0.1377	0
4235	@sciguysspace good to see this. splitting interstage into 4 sections will have some challenges, but could work.	0.0035	0.4939
4236	@ebelliveau @sciguysspace frangible would def hurt reusability. also, presumably those quarter sections are actuated or aero control will be impossible.	0.0035	-0.5267
4237	@yusifzadaagshin about 100, assuming people want cabins. pressurized volume is similar to a380. could take a lot more on shorter trips.	0.0035	0.1027
4238	@canis_majoris_6 @yusifzadaagshin ~1000, as all seats would be "coach" & no toilets, pilot area or food galley needed. most flights would only be 15 to 20 mins. it's basically an icbm traveling at mach 25 that lands.	0.0035	0
4239	@baconnashwbs @canis_majoris_6 @yusifzadaagshin that would be unwise. probably needs a restraint mechanism like disney's space mountain roller coaster. would feel similar to space mountain in a lot of ways, but you'd exit on another continent.	0.0035	0.3612
4240	@lister6520 @justpaulinelol @mattlbates @erdayastronaut you're touching on a good critique of falcon 9. our 1st stage to 2nd stage propellant ratio is too high. we're fixing that with starship.	0.0035	0.4404
4241	@bitbased @antsmash @joseph_preece @erdayastronaut @spacexfan97 @lister6520 @justpaulinelol @mattlbates that's actually kinda true	0.0035	0.3626
4242	@cleantechnica 2.1 sec 0-60 mph is base model before adding rocket thruster option	0.0035	0
4243	@naturenick we worked so hard to create that exact view. seat rails flush with floor on a rear-slanted monopost.	0.0035	0.1779
4244	@naturenick hardly anyone noticed, but still	0.0035	0
4245	@teslaownerssv we poured our heart & soul into it. lot of hubris too, but no regrets. fabergé egg of cars.	0.0035	0
4246	typing merlin literally just autocorrected me to merkin 🤦🤦	-0.0264	0
4247	if you don't already know what a merkin is, don't google it. you have been warned.	-0.0264	0
4248	but, if you're going to buy a merkin, be sure to haggle properly! <a href="https://t.co/cdddce2atn">https://t.co/cdddce2atn</a>	-0.0264	0.3182
4249	@rainnwilson ❤️	-0.0264	0
4250	@theonion if only we'd listened ...	-0.0264	0
4251	@juleepam @theonion these do seem like wise words	-0.0264	0.6808
4252	@angelndevil2 @robinivski @yusifzadaagshin @canis_majoris_6 i'm such a bad public speaker! damn.	-0.0264	-0.7351
4253	@tomekdrabas @merkinvineyards they have the best merkins	-0.0264	0.6369
4254	@nicegamer @tomekdrabas @merkinvineyards merkindise coming soon!	-0.0264	0
4255	@erdayastronaut @tesla one day, there will be a little racing game in the racing game in the car	-0.0264	0
4256	thanks for the happy birthday wishes! ❤️❤️	-0.0264	0.802
4257	@beforelectric @tesla sure. want to add easy import/export of images from your phone.	-0.0264	0.6705
4258	@tesla fun, little music tool coming later	-0.0264	0.5106
4259	huge thanks to all tesla supporters around the world helping the cause. we ❤️❤️❤️ you!! <a href="https://t.co/wjqu03wrnh">https://t.co/wjqu03wrnh</a>	-0.1971	0.8519
4260	@ninja yes, but still a bit too limited on range. that will change in coming years as battery energy density improves.	-0.1971	0.6908

4261	@nebraskajr @ninja jet a (kerosene) has much higher energy density than li-ion, but electric motors weigh much less & convert stored energy to motion better than combustion engines	-0.1971	0.7269
4262	@nebraskajr @ninja fwiw, based on calcs i did 10 years ago, cross-over point for li-ion beating kerosene is ~400 wh/kg. high cycle batteries are just over 300 wh/kg today, but probably exceed 400 in ~5 years.	-0.1971	0
4263	@alpsoy66 is this true @cgrantwsj?	-0.1971	0.4215
4264	yep, order online at <a href="https://t.co/46txqrssdr">https://t.co/46txqrssdr</a> in 2 mins & car delivered direct to home <a href="https://t.co/7ax8mwzbwx">https://t.co/7ax8mwzbwx</a>	-0.2374	0
4265	@flcnhvye yeah, exactly 😊	-0.2374	0.296
4266	@d0nahue27 death note	-0.2374	-0.5994
4267	@v_g_fischer @d0nahue27 playing a little polytopia. gonna try solaris w my boys.	-0.2374	0.2023
4268	meme of recursive irony <a href="https://t.co/hlrfd9yg">https://t.co/hlrfd9yg</a>	-0.2374	-0.0516
4269	@flcnhvye good one 🎉🎉	-0.2374	0.4404
4270	@rationaletienne @richarddawkins sure	-0.2374	0.3182
4271	@tesiacharts 🎉	-0.2360	0
4272	@vic82790698 @v_g_fischer @d0nahue27 yeah	-0.1319	0.296
4273	@mundanemun @cryospheare 🎉🎉	-0.1319	0
4274	what ants must feel like <a href="https://t.co/nssbxnevp">https://t.co/nssbxnevp</a>	-0.1319	0.3612
4275	model x as it should be shown <a href="https://t.co/lpog2ejwqk">https://t.co/lpog2ejwqk</a>	-0.1319	0
4276	@daddydiaz3 when sheets come loose all dignity is lost	-0.1319	-0.2263
4277	@discovermag sharknado is real	-0.1319	0
4278	@austinbarnard45 exciting progress in boca! hopper almost ready to hover. based on tonight's test, looks like 600 hz raptor vibration problem is fixed. <a href="https://t.co/9blwohg0sv">https://t.co/9blwohg0sv</a>	-0.1319	0.791
4279	cat is out of the bag 🐱 <a href="https://t.co/epukm0a3gr">https://t.co/epukm0a3gr</a>	-0.1319	0
4280	@tesla_truth 🙏	-0.1319	0
4281	@cormacsheehan1 occupy mars	-0.1319	0
4282	@atlasobscura sounds like fun	-0.1319	0.7003
4283	@tosscha_spb @atlasobscura will do starship presentation a few weeks after hopper hovers, so prob late july. if that timing works, free lj chips for all present!	-0.1319	0.5106
4284	listening to revolutions by duncan <a href="https://t.co/zc9bgt8bnp">https://t.co/zc9bgt8bnp</a>  found this on a throw pillow ... <a href="https://t.co/couxcf8fg4">https://t.co/couxcf8fg4</a>	-0.1319	0
4285	@sudohack16 agreed	-0.1319	0.2732
4286	@prydefoltz wārl̄q	-0.1319	0
4287	@flcnhvye @lexfridman @tesla production fully switched over ~3 months ago. functionality won't diverge until q4, as it's limited by software validation. will be later for europe compared to rest of world due to regulatory constraints that were put in place years ago by big ice companies.	-0.1319	-0.2263
4288	@dodiewill2 @lexfridman @tesla end of q4, most likely	-0.1319	0
4289	@kristennetten @lexfridman @tesla ~q4 2016	-0.1319	0
4290	@disruptresearch @flcnhvye @lexfridman @tesla yes	-0.1319	0.4019
4291	@austinbarnard45 @tosscha_spb @atlasobscura local supporters will be invited!	-0.1319	0.4404
4292	@kulability @lexfridman @tesla intersections with complex traffic lights & shopping mall parking lots are the two biggest software challenges. developer branch already mostly works in these scenarios, but massive effort required to get to 99.9999% safety.	-0.1319	0.4767
4293	@elonsbrain @tesla upgrading to 250kw soon	-0.1319	0
4294	@erdayastronaut @justpaulinelol @mayemusk @spacex between first development engine & first flight engine with operational payload, there are always hundreds of changes to both hardware & software. over time, thousands.	-0.1319	0
4295	@disruptresearch @flcnhvye @lexfridman @tesla to be clear, consumers will still be able to buy a tesla, but the clearing price will rise significantly, as a fully autonomous car that can function as a robotaxi is several times more valuable than a non-autonomous car	-0.1319	0.6908
4296	@evautonomy @disruptresearch @flcnhvye @lexfridman @tesla sure 🚗 🚗 😊	-0.1319	0.3182
4297	@disruptresearch @flcnhvye @lexfridman @tesla exactly	-0.1319	0
4298	@bluemondance74 @erdayastronaut @justpaulinelol @mayemusk @spacex overall successful. aborted at t+51 sec on high mixture ratio, but we were intentionally probing the corners of the box of operating conditions, so not surprising.	-0.1319	0.7096
4299	@elonsworld may the light of consciousness shine bright	-0.1319	0.4404
4300	@c3lt_games the cape is one of the two starship build sites. more on this later.	-0.1319	0
4301	@dmc_ryan @tesla no problem	-0.1319	-0.4019
4302	@michellbasler @dmc_ryan @tesla this shampoo sounds amazing	-0.0713	0.5859
4303	@brandunjhavard no	-0.0713	0

4304	@arctechinc @brandonghavard no	-0.0713	0
4305	@eugenelee3 @arctechinc @brandonghavard exactly	-0.0713	0
4306	@autonomouslyhoag @autonobahnai @alexroy144 @tweetermeyer @valleyhack i actually asked ashlee vance not to write the book several times. inevitably, some things are wrong and then those errors are repeated for years.	-0.0713	-0.6705
4307	@renatakonkoly @28delayslater @carolinegee8 @nathanbomey @usatoday @tesla @mayemusk that was a real sign	-0.0713	0
4308	@erdayastronaut @autonomouslyhoag @autonobahnai @alexroy144 @tweetermeyer @valleyhack i have over the years	-0.0713	0
4309	@nichegamer the answer is always aliens <a href="https://t.co/lql9xtj7kb">https://t.co/lql9xtj7kb</a>	-0.0713	0
4310	@iainmckenzie101 @autonomouslyhoag @autonobahnai @alexroy144 @tweetermeyer @valleyhack sigh	-0.0713	0.0258
4311	@kvilly would be cool if car took you to a random fun place traveled to by other tesla owners in the area	-0.0713	0.6808
4312	@chadbros @kvilly 🚗	-0.0713	0
4313	@teslaownerssv @kvilly i think so. will check.	-0.0713	0
4314	@consequence @icp @tahkion whoop whoop!!	-0.0713	0
4315	@fhrieox @kvilly feeling extra 🌟 button	0.0379	0.128
4316	@faze_rain absolutely agree, you should be allowed to move your tesla anywhere in the world, unless it's prevented by government rules. thanks for letting me know.	0.0379	0.6997
4317	@jessicagottlieb ok	0.0379	0.296
4318	@flcnhv @space_station @tesla exactly	-0.0912	0
4319	@janeidyeve @flcnhv @space_station @tesla sure	-0.0912	0.3182
4320	it's not a flamethrower, mr escobar <a href="https://t.co/txh02nxic">https://t.co/txh02nxic</a>	-0.0912	0
4321	motor trend awards tesla model s best car of the year ever in their 70 year history!! <a href="https://t.co/timsq3revh">https://t.co/timsq3revh</a>	-0.0912	0.6369
4322	@evafoxu @tesla great team	0.0510	0.6249
4323	@martiandays sure	0.0510	0.3182
4324	@jhc2718 @stephanieeeeeej we changed the design quite a bit. more about this in late july.	0.0510	0
4325	@erdayastronaut cont of main	0.0510	0
4326	@joe_mckirdy @13ericralph31 @jhc2718 @stephanieeeeeej 100mt to 125mt for true useful load to useful orbit (eg starlink mission), including propellant reserves. 150mt for reference payload compared to other rockets. this is in fully reusable config. about double in fully expendable config, which is hopefully never.	0.0510	0.8901
4327	@flcnhv @joe_mckirdy @13ericralph31 @jhc2718 @stephanieeeeeej 3	0.0510	0
4328	@alvianchoiri @joe_mckirdy @13ericralph31 @jhc2718 @stephanieeeeeej more like 30 to 40 mt to gto ~27 deg. plane change is $2^*v^*\sin \theta/2$ , as i recall, but doesn't matter, as there's no geo ✖ anywhere near that mass.	0.0510	0.3818
4329	@erdayastronaut @tyler0309 @thevondo about right, but dangerously chuggy & risking bad things at 40%. we'll keep it above 50% for this flight.	0.0510	-0.5423
4330	@naturenews take note	0.0510	0
4331	also, i stole the idea from spaceballs <a href="https://t.co/1ozau39pqz">https://t.co/1ozau39pqz</a>	0.0510	0
4332	⌚	0.0506	0
4333	@angelgponce @tesla ok	0.0506	0.296
4334	@mkaderi @tesla @samiralley agreed, it's a small, but important, feature	0.0506	0.4404
4335	@patricklac007 @angelgponce @tesla parking lots are a remarkably hard problem. doing an in-depth engineering review of enhanced summon later today.	0.0506	-0.4767
4336	@patricklac007 @angelgponce @tesla good progress on fast activation of summon down to ~1 second	0.0506	0.6908
4337	@erdayastronaut @patricklac007 @angelgponce @tesla probably 5mph or 8 km/h	0.0506	0
4338	@flcnhv @erdayastronaut @patricklac007 @angelgponce @tesla initially, single plane, but hopefully multi-story later this year	0.0506	0.4019
4339	@annerajb @flcnhv @erdayastronaut @patricklac007 @angelgponce @tesla will trace back inertial measurements & wheel movements to exit multilevel garage, unless car was teleported into position, in which case all bets are off	0.0506	0
4340	@kristennetten @annerajb @flcnhv @erdayastronaut @patricklac007 @angelgponce @tesla yeah, that's next after summon	0.0506	0.296
4341	@pbreit @patricklac007 @angelgponce @tesla yes, but owner will have to accept tiny risk of damage. those are very hard even for careful human drivers.	0.0506	0.0516
4342	@annerajb @kristennetten @flcnhv @erdayastronaut @patricklac007 @angelgponce @tesla haha yes	0.0506	0.6908
4343	@memesofmars @kristennetten @annerajb @flcnhv @erdayastronaut @patricklac007 @angelgponce @tesla spacex thruster package will be subtle. hidden behind license plate.	0.0506	0

4344	to infinity and beyond! <a href="https://t.co/dgystbqwf">https://t.co/dgystbqwf</a>	0.0506	0
4345	graham's number <a href="https://t.co/qgqafeiqdz">https://t.co/qgqafeiqdz</a>	0.0506	0.0772
4346	@stasvladimirsky @jhc2718 @stephanieeeeej um ... yes	0.0506	0.4019
4347	@nicegamer rip	0.0506	0
4348	@alvin_vista @amaudes @pedrocosilva we are tiny, simple creatures	0.0506	0
4349	@teslamotorsclub !!	-0.0182	0
4350	@antonioregalado this guy is not a cofounder of neuralink. was at company briefly, but he didn't work out.	-0.0182	0
4351	@antonioregalado @neuralink sure, will do	-0.0182	0.3182
4352	@clarab_kgbt @spacex @kgbt won't be today, hopefully tomorrow	-0.0182	0.4019
4353	@dimas_____ @antonioregalado @neuralink streaming. check neuralink website later today. starts around 8pm.	-0.0182	0
4354	presentation streaming live from <a href="https://t.co/nrsygnf65k">https://t.co/nrsygnf65k</a> at 8pm pacific	-0.0182	0
4355	@snazzyq @tailosivetech basic white adds too much to service repair complexity. team convinced me better to go with pearl white.	-0.0182	0.6808
4356	@snazzyq @phenomenalpoto @aaronleonard @tailosivetech if we make all cars with fsd package self-driving, as planned, any such tesla should be worth \$100k to \$200k, as utility increases from ~12 hours/week to ~60 hours/week	-0.0182	0.2263
4357	@flcnhv @snazzyq @phenomenalpoto @aaronleonard @tailosivetech no, since tesla will charge a % fee for being in our robotaxi fleet, but it will rise to whatever the clearing price is, otherwise all our cars will be bought by scalpers	-0.0182	0
4358	@snazzyq @phenomenalpoto @aaronleonard @tailosivetech straw man fallacy. to appreciate, your car just needs to be worth more than you paid for it, so probably ~\$75k is enough if you bought a 3. fsd will be bundled in all cars (important point). something is not a commodity if you can't make enough of them & we won't be able to.	-0.0182	0.6597
4359	cost of tesla full self-driving option increasing by ~\$1000 on august 16	-0.0182	0
4360	@ropiko agreed. that's approximately date when we expect enhanced summon to be in wide release. it will be magical. lot of hard work by autopilot team.	-0.0182	0.1779
4361	@jeanlikedenim probably	-0.0182	0
4362	as mentioned earlier this year, cost of the tesla fsd option will increase every few months. those who buy it earlier will see the benefit.	-0.0182	0.6486
4363	"if you dislike change, you're going to dislike irrelevance even more." — gen shinseki	-0.0182	0
4364	❤️😊 spacex has area 59 😊❤️ <a href="https://t.co/h4yul1xx51">https://t.co/h4yul1xx51</a>	-0.1269	0
4365	@rdstrick777 approximately 6.9km/s	-0.1269	0
4366	@options_man not easy getting a lightsaber into backpack	-0.1269	0.4404
4367	about to go live	-0.1269	0
4368	@stephenfleming @robert_zubrin @sciguysspace something like this is the best way to do it. incnt outcome, not path.	-0.1269	0.7717
4369	@daveyjose @neuralink i think so	-0.1269	0
4370	@edloh @dmc_ryan @woodhaus2 is there a longer edit i can post?	-0.1269	0
4371	neuralink surprise twist! <a href="https://t.co/ndefshadm2">https://t.co/ndefshadm2</a>	-0.1269	0.2732
4372	@bliss_hughes <a href="https://t.co/rhkzsqnyoh">https://t.co/rhkzsqnyoh</a>	-0.1269	0
4373	@andrewwhires @usc thoughtful analysis. we will endeavor to provide the robots, chips & software to academia.	-0.1269	0.3818
4374	@austinbarnard45 @neuralink sure	-0.1269	0.3182
4375	@vasta_218 @neuralink 💡💡 yes, security is extremely important	-0.1461	0.7346
4376	@2020science @rationaletienne @neuralink @tesla @mayemusk rococo basilisk	-0.1461	0
4377	@samsheffer @neuralink @tesla with anything online	-0.1461	0
4378	@bgr 🍷⚡️⚡️	-0.1461	0
4379	@cleantechnica exactly. there is no "msrp", only "p".	-0.1461	0
4380	@tanyalewis314 @sciam @neuralink good piece	-0.1461	0.4404
4381	@elonsworld @tesla @hypercharts this non-autopilot graph is not correct, as it includes autopilot always-on accident avoidance features	-0.1461	-0.7003
4382	@warhly yeah, big advantage of being made of high strength stainless steel: not bothered by a little heat!	-0.1461	0.7506
4383	@warhly aiming for hover test next week	-0.1461	0
4384	@memesofmars @warhly post test fuel leak, but no major damage	-0.1461	-0.6808
4385	@tlsbrenttime @tanyalewis314 @sciam @neuralink addressing epilepsy is likely one of the more near-term applications	-0.1461	0
4386	@fredericclambert @warhly maybe end of next year	-0.0365	0
4387	@hypercharts @elonsworld @tesla exactly. trendline that includes autopilot always-on accident avoidance features matches curve of autopilot software/hardware releases, as you'd expect.	-0.0365	-0.7003

4388	@hypercharts @elonsworld @tesla no matter how one considers the data, there is a giant improvement from non-autopilot to autopilot	-0.0365	0.4767
4389	@newscientist this is actually a good thing btw. china is making amazing progress in space, rapidly iterating on rocket & space station technology. great respect.	-0.0365	0.9493
4390	@teslatino @tesla yes	-0.0365	0.4019
4391	@nickstalburg coming soon	-0.0365	0
4392	made with rain ☔ <a href="https://t.co/cjj7byzxcj">https://t.co/cjj7byzxcj</a>	-0.0365	0
4393	@annerajb texas and florida starship prototypes (not hopper) fly in 2 to 3 months	-0.1877	0
4394	@justpaulinelol @annerajb i suspect many besides spacex will livestream these flights. won't be subtle.	-0.1877	-0.296
4395	@annerajb @justpaulinelol it *is* vision	-0.1877	0.25
4396	@annerajb 2 to 3 months after that	-0.1877	0
4397	@alejandro_debh @annerajb starship launch structure is being built off-site in steel subsections	-0.1877	0
4398	@falcon9block5 @alejandro_debh @annerajb won't change. starship launch structure will be attached to the other side from tower.	-0.1877	0
4399	@theonion i have the t-shirt	-0.1877	0
4400	starship super heavy with 35 raptors	-0.1877	0.5994
4401	@alvin_vista @theonion way too long	-0.1877	0
4402	@fmoflyer full stack is 41 rn, but kinda beggin for just one more ...	-0.1877	0
4403	technically, alcohol is a solution	-0.1877	0.3182
4404	just saw that on a t-shirt @hyperloop competition 🎉🎉	-0.1877	0
4405	new @hyperloop top speed of 463 km/h!! <a href="https://t.co/bmkhjaam3p">https://t.co/bmkhjaam3p</a>	-0.1877	0.2023
4406	@cleantechica odd	-0.1877	-0.3182
4407	@highlyaaronic водка means cute water	-0.1877	0.4588
4408	@annerajb @highlyaaronic orbital refilling is critical for high payload to moon or mars. initially just starship to starship, later dedicated tankers.	-0.1877	0.1779
4409	woohoo 🎉 <a href="https://t.co/tzhmebulq7">https://t.co/tzhmebulq7</a>	-0.1877	0
4410	<a href="https://t.co/fij0u2enx5">https://t.co/fij0u2enx5</a>	-0.1877	0
4411	next year's @hyperloop competition will be in a 10km vacuum tunnel with a curve	-0.1877	0
4412	dance dance 🎉 <a href="https://t.co/k0m6msysce">https://t.co/k0m6msysce</a>	-0.1877	0
4413	i am become meme	-0.1877	0
4414	@justpaulinelol @annerajb @highlyaaronic probably have slots for up to 37 engines, but can decontent as needed. starship update after hopper hover.	-0.1877	0
4415	@robfarago @tesla do ev owners use v to g a lot in australia?	-0.1877	0
4416	@worldandscience nuclear thermal rocket for fast transit around solar system would be a great area of research for @nasa	-0.1877	0.6249
4417	@gooseawayneyt goodbye 😊	-0.1877	0
4418	@flcnhvyy @worldandscience @nasa very unlikely	-0.1877	0
4419	@worldandscience @nasa to be clear: good for in-space transit, but not recommended for earth to orbit!	-0.1877	0.743
4420	@kimalvitie @spacex outer engines stick out slightly from 9m diameter, don't gimbal & are mechanically joined at nozzle	-0.0103	0
4421	@gooseawayneyt 🎉	-0.0103	0
4422	@memesofmars @kimalvitie @spacex center 7 engines gimbal to 15 degrees	-0.0103	0
4423	time to face reality <a href="https://t.co/woze2xwlqv">https://t.co/woze2xwlqv</a>	-0.0103	0
4424	<a href="https://t.co/3dgswbfqtq">https://t.co/3dgswbfqtq</a>	-0.0103	0
4425	@wonderofscience true 🎉🎉	-0.0103	0.4215
4426	@nasa @nasakennedy exciting modes!	-0.0103	0.4939
4427	@nichegamer in a million years, the universe will go from being 13.772 to 13.773 billion years old. like tears in the rain ...	0.0496	0.1531
4428	@nichegamer me too	0.0496	0
4429	@nasakennedy @spacex @space_station one space station image for each visit	-0.2450	0
4430	@erdayastronaut @goathobbit high reflectivity minimizes photonic heating, high emissivity minimizes particle heating. no need to radiate heat away if you aren't hot in the first place. also, as metal heats up to yellow/red/white, it stops being reflective.	-0.2450	-0.1531
4431	@erdayastronaut @goathobbit wearing black not recommended <a href="https://t.co/lqobfitemx2">https://t.co/lqobfitemx2</a>	-0.2450	0.2023
4432	@erdayastronaut @goathobbit testing a possible starship windward side ceramic tile. maximizing emissivity is best for conductive/particle heating. nice thing about steel is that tiles can be very thin, unlike carbon fiber or aluminum airframe.	-0.2450	0.7906
4433	@spacexupdates pc (chamber pressure) high due to colder than expected propellant	-0.2450	-0.296
4434	dr. livingstone, i presume? <a href="https://t.co/av8t3s6niz">https://t.co/av8t3s6niz</a>	-0.2450	0
4435	@spacex launch underway	-0.0701	0
4436	@cathedwood @arkinvest probably 1/4 to 1/2 of that capacity would be for stationary storage	-0.0701	0

4437	@robbystarbuck @tesla good point. getting fixed ...	-0.0701	0.4404
4438	@robbystarbuck @tesla btw, you can schedule service via the tesla app in less than a minute	-0.0701	0
4439	starhopper flight successful. water towers *can* fly haha!!	-0.0701	0.7783
4440	@engineers_feed 200m hop in a week or two	-0.0701	0
4441	@bcart03 @engineers_feed yes	-0.0701	0.4019
4442	engine cam <a href="https://t.co/3cwhu50353">https://t.co/3cwhu50353</a>	-0.0701	0
4443	@yousuck2020 thanks!	-0.0701	0.4404
4444	drone cam <a href="https://t.co/gvdmrmguzq">https://t.co/gvdmrmguzq</a>	-0.0701	0
4445	encounter in 88 <a href="https://t.co/18ohurtgqe">https://t.co/18ohurtgqe</a>	0.1629	0
4446	frank frazetta	0.1629	0
4447	@gooseawayneyt space fairies are real	0.1629	0
4448	@tesla cuphead for tesla coming out in august	0.1629	0
4449	@danywhite11 @tesla will run v high res at 60 fps. cuphead doesn't need 4k.	0.1629	0
4450	@lister6520 @neiltynson and those who weren't expecting a ternary joke	0.1629	0.296
4451	@flcnhv @tesla unity port is done, so finessing the controls now. mostly limited by local storage. will allow additional game storage via usb. whatever's most fun!	0.1629	0.5106
4452	@evafoxu @flcnhv @tesla yes, really enjoyed it, although wish she'd made it up to sky city	0.1629	0.6887
4453	ability to stream youtube & netflix when car is stopped coming to your tesla soon! has an amazingly immersive, cinematic feel due to the comfy seats & surround sound audio.	0.1629	0.1027
4454	when full self-driving is approved by regulators, we will enable video while moving	0.1629	0.4215
4455	@ktoddstorch yeah, feels just like an old school drive in movie experience, but with much better sound	0.1629	0.765
4456	@teslatino maybe august, not more than a few months	0.1629	0
4457	@jeremygreenlee @teslatino we're close, but the magic is in the final details. maybe 2 to 3 months.	0.1629	0
4458	@andrewmayne can't you just play though phone bluetooth?	0.1629	0.34
4459	@dmc_ryan yes, v10 will include several games & infotainment features, improved highway autopilot, better traffic light & stop sign recognition & smart summon	0.1629	0.8481
4460	@eugenelee3 @dmc_ryan not currently in v10, but will try	0.1629	0
4461	@atat137 @dmc_ryan some	0.1629	0
4462	@jgrano305 @dmc_ryan yes	0.1629	0.4019
4463	@annerajb @atat137 @dmc_ryan if not immediately, will be followed shortly in a point release	0.1629	0
4464	@schristakos @jgrano305 @dmc_ryan hoping to get "joe mode" into v10. the default, of course, is normal volume, but selecting "joe mode" would lower the volume of strident beeps & chimes by half.	0.1629	0.1531
4465	@justpaulinelol @schristakos @jgrano305 @dmc_ryan depends on how release to owners with early access goes, but hopefully wide release by end of august	0.1629	0.4019
4466	@jakekornegay15 sure	0.1629	0.3182
4467	@thetaylorcav @tesla we're working on it. agreed, minecraft is high priority. roblox too.	0.1629	0.2732
4468	tesla owners can schedule service appointments in under a minute just using their tesla phone app!	0.1629	0
4469	@13arm13arm @simonhackett you can	0.1629	0
4470	@dannymekic @davemaasland thanks for letting me know	0.1629	0.4404
4471	falcon 9 piercing the sound barrier on reentry <a href="https://t.co/pmkbaehvqt">https://t.co/pmkbaehvqt</a>	0.1629	0
4472	now that hopper has flown, starship update probably in two weeks or so.	0.1629	0
4473	falcon rocket reentry from space with double sonic booms <a href="https://t.co/6ddpjcgqhq">https://t.co/6ddpjcgqhq</a>	0.1629	0
4474	@jason thanks jason! super proud to work with such great teams at spacex, tesla, neuralink and boring!!	0.1629	0.9136
4475	tesla megapack now available for utility-scale energy storage <a href="https://t.co/mqmrgmkffnm">https://t.co/mqmrgmkffnm</a>	0.1767	0.2732
4476	@dmc_ryan spooling up production line rapidly. hoping to manufacture ~1000 solar roofs/week by end of this year.	0.1767	0.4215
4477	@janeidyeve @sciguysspace never thought we'd make it this far	-0.1447	0
4478	@sciguysspace mailing dragon dock with space station is much harder than docking with our own ship for refilling. not a problem.	-0.3586	-0.4019
4479	@sciguysspace depot haha	-0.3586	0.4588
4480	@rahulsood @tesla fixing ...	-0.3586	0
4481	@sciguysspace orbital refilling is vital to humanity's future in space. more likely spacecraft to spacecraft (as aircraft do aerial refueling), than a dedicated depot, at least at first.	-0.3586	0.6369
4482	@yashwanthnadal i'm told import duties are extremely high (up to 100%), even for electric cars. this would make our cars unaffordable.	-0.3586	0
4483	@hi_hassan not sure. will check with my team.	-0.3586	0.3182
4484	@teslacubin @yashwanthnadal for other countries, we pay in part for the local factory by selling cars there ahead of time. also, gives a sense of demand. current rules in india prevent that, but recent changes in sales tax give hope for future changes.	-0.3586	0.2732
4485	fates loves irony <a href="https://t.co/t9smcivkgk">https://t.co/t9smcivkgk</a>	-0.3586	0.5423

4486	@dralahbabi @space_station @spacex @nasa @esa @roscosmos @csa_asc @jaxa_en @iss_casis @iss_research you're most welcome!	-0.0142	0.4588
4487	@lobbycastgeoff @teslamodel3fan @tesla good idea	-0.0142	0.4404
4488	@vincent13031925 will also be launching the boring company china on this trip	-0.1437	-0.3182
4489	@sara_boutall @vincent13031925 yes	-0.1437	0.4019
4490	@evafoxu @spacex that was our last chance to reach orbit. if it had failed, spacex would have died.	-0.1437	-0.7003
4491	@justpaulinelol @evafoxu @spacex august 24th, either at cape canaveral or boca chica	-0.1437	0
4492	@tesla also, you can request any service from the tesla phone app in under a minute	-0.1437	0
4493	@lindowitz @tesla sure	-0.1437	0.3182
4494	@sofiaan @lindowitz @tesla ok, will discuss with team	-0.1437	0.296
4495	@justpaulinelol @evafoxu @spacex relief	-0.1437	0.4767
4496	@simozt1 @justpaulinelol @evafoxu @spacex i would've been bankrupt too. unlikely investors would have funded a second attempt.	-0.1437	-0.5574
4497	@janeidyeve @justpaulinelol @evafoxu @spacex very convincing! ok, boca it is. we should have starship mk1 with 3 raptors almost ready to fly by then.	-0.1437	0.7275
4498	@nasa @nasajuno we are tiny	-0.1437	0
4499	@sciguyospace yes, detailed review of the first orbital starship, explaining the pros & cons of each design decision	-0.1437	0.4019
4500	@newscientist i dare say that ⚡ could use a nice 🎥 <a href="https://t.co/3npn1dmuxj">https://t.co/3npn1dmuxj</a>	-0.1437	0.4215
4501	@keatonmiller93 @newscientist oh my, what a dashingly handsome hat you have!	-0.1437	0
4502	⚡ all u can ⚡	-0.1437	0
4503	@patricklac007 it finally almost doesn't suck	-0.1437	-0.3832
4504	i ❤️ top hat <a href="https://t.co/icrlcerqww">https://t.co/icrlcerqww</a>	-0.1437	0.2023
4505	@acflores91 true	-0.1437	0.4215
4506	@samikandell yes	-0.1437	0.4019
4507	@banquo__ mad skillz	-0.1437	-0.4939
4508	@isacan2358 it's about time i suppose	-0.1437	0
4509	his name is eric, of course	-0.1437	0
4510	@steveh8960 philosophically	-0.1437	0
4511	@flcnhv that is a great guide ✍	-0.1437	0.6249
4512	@padgeuk will dojo to be the difference	-0.1437	0
4513	@tenormasta @flcnhv the best guide by far!	-0.1437	0.6369
4514	@iamevilvictor it's all about branding <a href="https://t.co/c4umf5ccdc">https://t.co/c4umf5ccdc</a>	-0.1437	0
4515	"am ... ⚡ guilty" 😅	-0.1437	0
4516	@senjam777 @baconmashwbs workin on it. one of my boys maybe gonna make this here candy.	-0.1437	0
4517	teletub ⚡ <a href="https://t.co/vj4xtiyq5s">https://t.co/vj4xtiyq5s</a>	-0.1437	0
4518	queen ⚡ <a href="https://t.co/ine4oiu9kl">https://t.co/ine4oiu9kl</a>	-0.1437	0
4519	@sciguyospace progress is accelerating	-0.1437	0.4215
4520	@janvesp @sciguyospace yes	-0.1437	0.4019
4521	lyft/uber/taxi drivers are expert tesla advocates. thanks for your support!! <a href="https://t.co/coizny5qoo">https://t.co/coizny5qoo</a>	-0.1437	0.6808
4522	headed to starship cape canaveral build site today	-0.1437	0
4523	@cleantechnica so much drama & good times too! maybe worth a book one day, but would come at expense of 💸 & 🚗 & 🌎.	-0.1388	0.5859
4524	great progress by starship cape team. started several months behind, but catching up fast. this will be a super fun race to orbit, moon & mars!	-0.1388	0.9337
4525	@shorealonefilms vandenberg is great for polar orbits. will still play an important role long-term, but 80%+ will be eastward.	-0.1388	0.8074
4526	@kulpability no	-0.1388	0
4527	@harrystoltz1 @shorealonefilms not in current plans, but that may change	-0.1388	0
4528	@harrystoltz1 @shorealonefilms details coming at starship update	-0.1388	0
4529	@erdayastronaut race to orbit by both teams, although a success by both in close proximity would be amazing & each would count as a win	-0.1388	0.9062
4530	hoping to catch the fairing in a few mins <a href="https://t.co/jzskfqnitx">https://t.co/jzskfqnitx</a>	0.1092	0.4215
4531	fairing caught, video posting soon	0.1092	0
4532	and @jayleno really knows cars! <a href="https://t.co/qn3x0uzp4v">https://t.co/qn3x0uzp4v</a>	0.1092	0
4533	rocket fairing falling from space (higher res) <a href="https://t.co/sa1j10qawi">https://t.co/sa1j10qawi</a>	0.1092	-0.1531
4534	🎶 strangers in the night 🎶 <a href="https://t.co/9zureljxjq">https://t.co/9zureljxjq</a>	0.1092	0
4535	@bluemoondance74 @erdayastronaut ok	0.1092	0.296
4536	@sofiaan @iihs_autosafety @atj721 well said!	0.0103	0.2732

4537	@harrystoltz1 @sofiaan @ihs_autosafety @atj721 good question. nhtsa is great for fundamental structural safety, except for unbelted front passenger occupant factor. very rare these days for front passenger to be unbelted. ncap also great, but there are some weird headlight angle factors. super inside baseball stuff ...	0.0103	0.9524
4538	@harrystoltz1 @sofiaan @ihs_autosafety @atj721 ultimately, however, what really matters is empirical safety. nothing in life is 100% safe, so optimal figure of merit is how many millions of miles/km per accident.	0.0103	0.5049
4539	@cleantechnica but actual road data is what matters most <a href="https://t.co/q44lsjjizza">https://t.co/q44lsjjizza</a>	0.0103	0.0258
4540	@brunosilva @vincent13031925 @residentsponge @teslarati @tesla we're working with eu regulators to improve rules. spirit of rules is correct, but exact language doesn't quite align with spirit. navigate on autopilot working well in rest of world.	0.0103	0.6124
4541	thanks george! <a href="https://t.co/ccwyz9fqhh">https://t.co/ccwyz9fqhh</a>	-0.1355	0.4404
4542	@teslarati wouldn't read too much into this. likely to be fewer f9/fh flights, but possibly an order of magnitude more than these numbers in starship flights.	-0.1355	0
4543	@janeidyeve @teslarati no sooner than a week. working approvals with faa.	-0.1355	0
4544	@vincent13031925 yeah, george is a little nuts, but i like him & he often has interesting things to say	-0.1355	0.6267
4545	@disruptresearch @vincent13031925 don't know enough about george's company, but it sounds like he's focused on a machine vision approach, which is the only general solution imo	-0.1355	0.8126
4546	@marialauraadr @vincent13031925 pot kettle 😊	-0.1355	0
4547	@greenenergyluv @cleantechnica 🤪	-0.1355	0
4548	tesla software v10 is lookin real good! releasing to early access list soon ...	-0.1355	0.4404
4549	@some1gee tons of fun!	-0.1355	0.5106
4550	@bobjouy thanks for reminding me. will rectify.	-0.1355	0.4404
4551	@joost_kker @bobjouy fsd owners will get priority in the upload queue	-0.1355	0
4552	@heymarkl video is amazing with the tesla sound system. will include caraoke!	-0.1355	0.5859
4553	@kristennetten @joost_kker @bobjouy probably every 2 to 4 months, depending on how much progress we make	-0.1355	0.4215
4554	@davidpereiro @kristennetten @joost_kker @bobjouy we're accelerating opening up configurator/order page for more countries. sorry, lot on our plate!	-0.1355	-0.0772
4555	@chiledaniel priority / early access will be automatic for all owners with fsd	-0.1355	0
4556	gas cars are so last-century! <a href="https://t.co/jfrxjblez">https://t.co/jfrxjblez</a>	-0.1355	0
4557	@justpaulinelol might take a bit longer to get through regulatory approvals. likely september.	-0.2243	0
4558	@erdayastronaut yup	-0.2243	0
4559	@erdayastronaut for sure	-0.2243	0.3182
4560	@erdayastronaut amazing work over many years by spacex engineering/production/launch teams to get (almost) there	-0.2243	0.5859
4561	@marstronauts @erdayastronaut between \$100b and \$10t	-0.2243	0
4562	@ttvbaconz @tesla yes	-0.2243	0.4019
4563	@tesla powerwall doesn't need solar panels, but will work fine with both tesla & non-tesla solar panels	-0.2243	0.2023
4564	@ajtourville @marstronauts @erdayastronaut approx min payload to mars to nearest order of magnitude, so at \$100k/ton, cost would be \$100b	-0.2243	0
4565	@erdayastronaut @spacex thanks. starship, which aspires to be fully & immediately reusable in super heavy class, is a truly 🚀🚀. even though i'm immersed in starship/raptor design & build 7 days/week, it still doesn't feel real.	-0.2243	0.8658
4566	@bluemondance74 @erdayastronaut @spacex just spoke with faa, so hopefully yes	-0.2243	0.6597
4567	@ecoherliguy @marstronauts @erdayastronaut will be needed for sure. bandwidth, no problem, latency is a challenge 🚧🚧	-0.2243	-0.0258
4568	@slashdot because our universe is actually a microverse in a miniverse. we probably just power someone's brake lights. <a href="https://t.co/0jgpfxsrpj">https://t.co/0jgpfxsrpj</a>	-0.2243	0
4569	passing fad. like steam engines. they look cool in a museum.	-0.2243	0.5859
4570	@stevehamel16 @slashdot when opportunity knocks ...	-0.2243	0.4215
4571	@hardcorehistory i support yang	-0.2243	0.4019
4572	@hardcorehistory he would our first openly goth president. i think this is very important.	-0.2243	0.2023
4573	@harrystoltz1 @hardcorehistory obviously needed	-0.2243	0
4574	watching a movie on tesla v10.0 is great, in large part due to the sound system <a href="https://t.co/7qh2ihen8i">https://t.co/7qh2ihen8i</a>	-0.2243	0.6249
4575	@grizzlyaustin @tesla no plans to introduce air suspension on model 3 at this time	-0.2243	0
4576	@danielinhodu83 working on upgrades to sentry ...	-0.2243	0
4577	try playing powerglide in your tesla at volume 11 <a href="https://t.co/fcdc6wyvir">https://t.co/fcdc6wyvir</a>	-0.2243	0.2023
4578	@tesla_truth possibly two weeks	-0.2243	0
4579	@kristennetten @tesla_truth ok	-0.2243	0.296

4580	@c3lt_games roughly	0.0847	0
4581	no but srsly don't do it <a href="https://t.co/6kxadgwwsc">https://t.co/6kxadgwwsc</a>	-0.4556	0
4582	@acf3301 true	-0.4556	0.4215
4583	heh heh <a href="https://t.co/ubhul2wgjm">https://t.co/ubhul2wgjm</a>	-0.2701	-0.296
4584	@justpaulinelol 🎉	-0.2701	0
4585	fyi <a href="https://t.co/6zrmvdvas19">https://t.co/6zrmvdvas19</a>	-0.2701	0.2023
4586	@janeidyeve @spacex not yet	-0.2701	0
4587	corporate surrealism™	-0.2701	0
4588	@chadsmith @tesla we'll take care of it	-0.2701	0.4939
4589	@dbabrams @bangolufsen tesla audio engineers come from b&#o &# many other companies. they literally rōq. our system is highly programmable, so we keep improving it via ota codec updates.	-0.2701	0.4728
4590	@inelonwetrust__ @dbabrams @bangolufsen coming	-0.2701	0
4591	@cazzrs stop posting my password on twitter!	-0.2701	-0.296
4592	@thephoenixflare @cazzrs that was my actual password at one point!	-0.2701	0
4593	@flying_briann @sciguysspace stacking fairing & tanks soon, then adding control fins, engines & landing gear	-0.2701	0
4594	@spacepadreisle @sciguysspace am talking to @faa in a few hours	-0.2701	0
4595	@arctechinc this isn't correct. will address.	0.0013	0
4596	nuke mars!	0.0013	0
4597	@trailblazer_ i'd play that game	0.0013	0.34
4598	@trailblazer_guess i sort of am already	0.0013	0
4599	t-shirt soon	0.0013	0
4600	@nicegamer of course!	0.0013	0
4601	@flcnhv it's not boring ...	0.0013	-0.3182
4602	hey babe, fancy a hot date ...? 😊 @4thfromourstar	-0.0229	0
4603	trust me, it will be 💦 💦	-0.0229	0.5106
4604	@41strange simulations all the way down	-0.0229	0
4605	nuking mars one t-shirt at a time <a href="https://t.co/kiah2hbxfi">https://t.co/kiah2hbxfi</a>	-0.0229	0
4606	<a href="https://t.co/nlw87azc0">https://t.co/nlw87azc0</a>	-0.0229	0
4607	hashtags are an abomination	-0.0229	0
4608	perhaps that one was too edgy ...	-0.0229	0
4609	@mayemusk stop hashtagging me 🎉	-0.0229	-0.296
4610	@itsjoshpeck yeah, the trick is opening & closing the spacesuit helmet really fast	-0.0229	0.25
4611	@epic2662 yes	-0.0229	0.4019
4612	the sun is an immense thermonuclear explosion fyi	-0.0229	0.2023
4613	@nadavision aspirationally, decades	-0.0229	0
4614	@nadavision meaning less than a century. but this would be pretty intense.	-0.0229	0.5
4615	@jasonemry it is quite silly	-0.0229	0.101
4616	generates a *lot* of energy <a href="https://t.co/k5nuwfb8im">https://t.co/k5nuwfb8im</a>	-0.0229	0.2732
4617	@worldandscience yeah, legs are hydraulic pistons & abdomen is the accumulator	-0.0229	0.296
4618	@flcnhv @worldandscience in a few years	-0.0229	0
4619	1 gigawatt per square kilometer of solar energy reaches earth's surface	-0.0229	0.3182
4620	which means a small corner of texas (or anywhere) with solar panels could power the entire united states	-0.0229	0
4621	tesla solar just relaunched. lmk what you think ... <a href="https://t.co/mdopo17yb9">https://t.co/mdopo17yb9</a>	-0.0229	0
4622	with the new lower tesla pricing, it's like having a money printer on your roof if you live a state with high electricity costs. still better to buy, but the rental option makes the economics obvious.	-0.0229	0.4939
4623	@flcnhv next year	-0.0229	0
4624	@justpaulinelol don't know yet, but it's important that the whole world transition to sustainable energy, so we'll make costs as low as possible	-0.0229	0.2023
4625	great name! wouldn't worry about this particular one, but a big rock will hit earth eventually & we currently have no defense. <a href="https://t.co/xhy8uonnax">https://t.co/xhy8uonnax</a>	-0.0229	0.4019
4626	converts about 5 million tons of mass to energy every second	-0.0229	0.2732
4627	cookie decorating contest with kids <a href="https://t.co/tp06cr4af5">https://t.co/tp06cr4af5</a>	-0.0229	0
4628	@jalanishreyansh um i ate most of it	-0.0229	0
4629	@royalsociety 🎉	-0.1588	0
4630	@sciguysspace this is a great idea	-0.1588	0.6249
4631	@flcnhv @sciguysspace not yet	-0.1588	0
4632	@teslaownerssv @teslarati initially model 3, later y	-0.1588	0
4633	@memesofmars @teslarati @ray4tesla yeah, would be great to get feedback from tesla supporters	-0.1588	0.8481
4634	@sciguysspace @hover389 af certification required an enormous amount of work. it's mostly design-review based, not flight-based.	-0.1588	0

4635	might make sense to have thousands of solar reflector satellites ✨ to warm mars vs artificial suns (tbd)	-0.1588	0.2263
4636	@eatinggaming94 @4thfromourstar 🚀🚀	-0.1588	0
4637	@thephoenixflare trickier than it may seem on mars, as atmospheric density is 1% that of earth & gravity is 38%, but doable for localized warming	-0.1588	-0.0258
4638	@harrystoltz1 @thephoenixflare will be converted to raptor vertical test stand	-0.1588	0
4639	@janeidyeve will probably make sense to do this when starship mk 1 has 3 raptors, moving body fins & landing gear installed, which is hopefully mid september	-0.1588	0.4019
4640	nuke mars refers to a continuous stream of very low fallout nuclear fusion explosions above the atmosphere to create artificial suns. much like our sun, this would not cause mars to become radioactive.	-0.1588	0.3612
4641	@wingod @djsnm @thephoenixflare true, diverting a comet would be super hard. could be done with small asteroids & a mass driver, but this is risky.	-0.1588	0.6705
4642	@justpaulinelol not risky imo & can be adjusted/improved real-time. essentially need to figure out most effective way to convert mass to energy, as mars is slightly too far from this solar system's fusion reactor (the sun).	-0.1588	0.7579
4643	price increase for tesla fsd postponed until version 10 with smart summon is in wide release, which is about 4 to 8 weeks away, depending on how early access goes	-0.1588	0.4939
4644	@arctechinc everyone who bought fsd will receive priority/early access	-0.1419	0
4645	@universal_sci wow	-0.1419	0.5859
4646	@teslatrip @arctechinc we need to complete internal qa testing for safety, which will hopefully be done in about 4 weeks	-0.1419	0.6705
4647	@minimalduck @tesla @teslarati ok	-0.3774	0.296
4648	@engineers_feed looks like a wheel of cheese	-0.0588	0.3612
4649	@newscientist the nude scientisté	-0.0588	0
4650	@newscientist 🚀🚀🚀	-0.0588	0
4651	@akawakbi @newscientist tesla is working hard to help stop global warming	-0.0588	0.1779
4652	@dkled007 @akawakbi @newscientist yes, probably within next 6 to 9 months	-0.0588	0.4019
4653	if you're a utility or public utilities commission, please consider using the tesla megapack. better for the environment & usually lower cost than fossil fuel peaker plants! <a href="https://t.co/ls4ifb0d6a">https://t.co/ls4ifb0d6a</a>	-0.0588	0.4588
4654	@erdayastronaut @dkled007 @akawakbi @newscientist should be soon	-0.0588	0
4655	@martiandays @erdayastronaut @dkled007 @akawakbi @newscientist ok	-0.0588	0.296
4656	looks like @spacex starhopper flight may be as soon as monday. faa support is much appreciated!	-0.0588	0.8176
4657	@flcnhv agreed, that's the right future	-0.0588	0.2732
4658	@fuzionplaystv @teslaownerssv exactly! especially let your puc commissioners/authorities know.	-0.0588	0
4659	@erdayastronaut @spacex yes, last flight for hopper. if all goes well, it will become a vertical test stand for raptor.	-0.0588	0.5859
4660	world's first very large scale battery has worked out well <a href="https://t.co/x7gdbl8u5b">https://t.co/x7gdbl8u5b</a>	-0.0588	0.2732
4661	@markmeijer10 where are additional superchargers most needed?	-0.0588	0
4662	@erdayastronaut @spacex it's quite robust	-0.0588	0.4005
4663	@tesla 😊 <a href="https://t.co/ktnomigw3e">https://t.co/ktnomigw3e</a>	-0.0588	0
4664	@4thfromourstar oh behave u naughty planet ... 😊	-0.0588	0
4665	@theonion finally, vr that's cool *and* sexy!	-0.0588	0.6908
4666	starhopper flight currently tracking to 5pm texas time for 150m / ~500ft hover test	-0.0588	0
4667	about 5 mins from flight attempt <a href="https://t.co/cwkvsqdqye">https://t.co/cwkvsqdqye</a>	-0.1585	0
4668	@sciguyspace raptor uses dual redundant torch igniters. better long-term, but more finicky in development.	-0.1585	0.4404
4669	igniters need to be inspected. we will try again tomorrow same time.	-0.1585	0
4670	@teslaownerssv appears to be a wiring/connector issue	-0.1585	0
4671	@cleantchnica ❤️❤️❤️	-0.1585	0
4672	@memesofmars @cleantchnica hopefully next year	-0.1585	0.4019
4673	@teslarati impressively accurate analysis!	-0.1585	0
4674	@ppathole @teslarati yes, rather embarrassing tbh	-0.1585	0.0258
4675	@harrystoltz1 @ppathole @teslarati not that i know of	-0.1585	0
4676	@worldandscience interesting	-0.1585	0.4019
4677	dronship with wings folded traveling through panama canal <a href="https://t.co/tawm5ntj0e">https://t.co/tawm5ntj0e</a>	-0.1585	0
4678	about to do next starhopper flight test <a href="https://t.co/eexpqpk7t6">https://t.co/eexpqpk7t6</a>	-0.0424	0
4679	congrats spacex team!! <a href="https://t.co/duckysk0d4">https://t.co/duckysk0d4</a>	-0.0424	0.5267
4680	one day starship will land on the rusty sands of mars <a href="https://t.co/efenyvdozm">https://t.co/efenyvdozm</a>	-0.0424	0
4681	@cleantchnica empty article?	-0.0424	-0.2023
4682	r2d2's dad	-0.0424	0
4683	@spacex core body diameter is 9m/30ft	-0.0180	0
4684	@justpaulinelol @spacex can't believe it's been 6 years since our first vertical landing!	-0.0180	0

4685	also, u can order online at <a href="https://t.co/46txqrj3c1">https://t.co/46txqrj3c1</a> in 2 mins, have car delivered to ur doorstep & return for full refund <a href="https://t.co/otappymdch">https://t.co/otappymdch</a>	-0.0180	0
4686	@mralbertsun should be. will fix.	-0.0180	0
4687	@_iamotis would love to, but import duties are extremely high, even for electric vehicles	-0.0180	0.6369
4688	@freiraum77 @spacex probably 18m for next gen system	-0.0180	0
4689	@flcnhv @freiraum77 @spacex probably 2 to 3 months. we're about to ship raptor sn 10.	-0.0180	0
4690	@janeidyeve @flcnhv @freiraum77 @spacex aiming for 20km flight in oct & orbit attempt shortly thereafter. starship update will be on sept 28th, anniversary of spacex reaching orbit. starship mk 1 will be fully assembled by that time.	-0.0180	0.2023
4691	@hjorturbrynjars @enn_nafnlaus @tesla very soon, sorry for the delay	-0.0180	-0.3818
4692	@patrickmjanson is iceland is for sure!	-0.0180	0.3182
4693	@model3owners @tesla yes	-0.0180	0.4019
4694	@wadeandersonpt @tesla coming soon. version 10.1 at latest.	-0.2128	0
4695	@tesla_truth exactly	-0.2128	0
4696	<a href="https://t.co/tndapd6d8z">https://t.co/tndapd6d8z</a> <a href="https://t.co/g98dozgwtv">https://t.co/g98dozgwtv</a>	-0.2128	0
4697	@vincent13031925 so good!	-0.2128	0.4404
4698	haha actually true <a href="https://t.co/vnb822fppt">https://t.co/vnb822fppt</a>	-0.2128	0.7003
4699	@fermatlibrary slowpoke! didn't even finish his hypothesis ...	-0.2128	0
4700	try tesla insurance. should be ~20% less than avg. currently only in california, but expanding soon. critical feedback much appreciated. <a href="https://t.co/l8xv8vxllj">https://t.co/l8xv8vxllj</a>	-0.0756	0.25
4701	@tesla_truth definitely	-0.2963	0.4019
4702	@coolsilver @tesla yes	-0.2963	0.4019
4703	@teslaownerssv @tesla_truth yup	-0.2963	0
4704	@flcnhv @coolsilver @tesla both 🌟 and 😊 buttons in v10.0	-0.2963	0
4705	@sofiaan @flcnhv @coolsilver @tesla yeah, several. smart summon most significant.	-0.2963	0.6908
4706	@elecvehicleguy @tesla anywhere insurance prices are high	-0.2963	0
4707	@konrad_bilinski gasoline is designed to burn	-0.2963	0
4708	@nicegamer nice	-0.2963	0.4215
4709	@tesla in close traffic, poisonous gas spewing from the car in front of you goes straight into your ac intake. good thing gas/diesel carmakers didn't cheat on their emissions or we'd be in real trouble 😊	-0.2963	0.2732
4710	@justpaulinelol @tesla same, except where limited by eu regulations. we're aware of extreme consumer unhappiness about this & are working with eu regulators to address.	-0.2963	-0.2263
4711	@teslatrip still too buggy to be in wide eap. requires more testing. hopefully, going to wide eap next week.	0.1181	0.4019
4712	@willythodgkins yes, and it ❤️❤️❤️ irony	0.1181	0.3612
4713	@ethelreddy1 @tesla looking into it	0.1181	0
4714	um @porsche, this word turbo does not mean what you think it does	0.1181	0
4715	@jalopnik @porsche jalopnik not sharpest tool in shed ... <a href="https://t.co/6mefdpotrb">https://t.co/6mefdpotrb</a>	-0.0970	0
4716	@jalopnik @porsche also, cars are called "automobiles"	-0.0970	0
4717	model s on nürburgring next week	-0.0970	0
4718	@kristennetten @jalopnik @porsche 😊	-0.0970	0
4719	@rationaletienne @florindoc2003 @kristennetten @jalopnik @porsche in some of those, i'm even funny	-0.0970	0.4404
4720	@harrystoltz1 @rationaletienne @florindoc2003 @kristennetten @jalopnik @porsche legs, but this render isn't accurate	-0.0970	0
4721	@nabz713 😊	-0.0970	0
4722	@mrrozanov @belpartisan uh no	-0.0970	0
4723	@newsfromscience a neuralink could increase this by several orders of magnitude	-0.0970	0.3182
4724	@newscientist 😊	-0.0502	0
4725	@newscientist sounds sweaty <a href="https://t.co/tcr4zlr43z">https://t.co/tcr4zlr43z</a>	-0.0502	0
4726	but taycan does seem like a good car. nürburgring track time is great.	-0.0502	0.8591
4727	tesla doing laps at nerdburging <a href="https://t.co/g7dyvs1jpn">https://t.co/g7dyvs1jpn</a>	-0.0502	0
4728	@eljaboom we're almost there	-0.0502	0
4729	@vincent13031925 @eljaboom november most likely	-0.0502	0
4730	@tesla_truth @tesla 10 years ago ...	-0.0502	0
4731	@teslaownerssv @tesla_truth @tesla wanted to build an electric car company in college. was going to do phd at stanford in electric energy storage (ultracaps), but got distracted for a few years by the internet.	-0.0502	-0.0772
4732	@harrystoltz1 @teslaownerssv @tesla_truth @tesla for sure on first crewed missions for exactly that reason	-0.0502	0.3182
4733	@gfilche @teslaownerssv @tesla_truth @tesla 😊	-0.0502	0

4734	@annerajb @brandonbernicky @gfilche @teslaownerssv @tesla_truth @tesla merging code branches & one more qa-level release this week. hopefully, eap wide release week after.	-0.0502	0.4019
4735	@ivanescobosa @annerajb @brandonbernicky @gfilche @teslaownerssv @tesla_truth @tesla no, probably v10.1	-0.0502	0
4736	@flcnhv @annerajb @brandonbernicky @gfilche @teslaownerssv @tesla_truth @tesla we might be in one right now	-0.0502	0
4737	@nico_rosberg thanks for offering! sure, that would be great.	-0.0502	0.8519
4738	@renatakonkoly @harrystoltz1 @teslaownerssv @tesla_truth @tesla yes	-0.0502	0.4019
4739	@chandanudawat very exciting to see india's rapid progress in space! there are always setbacks, of course, but i think india is doing great overall.	-0.0502	0.8779
4740	@awintersong definitely for space force. we need to make starfleet real.	-0.0502	0.4019
4741	for the remainder of september, tesla is permanently waiving the \$1500 solar removal fee requirement. note, the ability to stop monthly payments at any time remains.	-0.0502	0.0258
4742	without the removal fee, tesla solar is unequivocally a guaranteed, instant money printer, producing \$300 to \$1000 per year (in after tax income!)	-0.0502	0
4743	also <a href="https://t.co/ltx4acsgas">https://t.co/ltx4acsgas</a>	-0.0502	0
4744	@renatakonkoly offer me money, offer me power ... <a href="https://t.co/zwcla89cgr">https://t.co/zwcla89cgr</a>	-0.0502	0
4745	hadouken!! <a href="https://t.co/gn915jdvs1">https://t.co/gn915jdvs1</a>	-0.0502	0
4746	@meamz_mz @widespreadchaOs @heymarkl @tesla over time, it will be 100% sustainable	-0.0502	0
4747	@worldandscience it's not	-0.0502	0
4748	@flcnhv @worldandscience sounds about right	-0.0502	0
4749	why aren't more people talking about this!? <a href="https://t.co/iufibcdqrp">https://t.co/iufibcdqrp</a>	-0.0502	0
4750	@mikehudema @gretathunberg wow cool	-0.0502	0.7269
4751	probability that we're in base polytopia is highly unlikely - kwm	-0.0502	0
4752	@tarimnazmi definitely	-0.0502	0.4019
4753	@dstanca hoping to open in romania soon!	-0.0502	0.4215
4754	@evafoxu deep lore	-0.0502	0
4755	and flights of angels sing thee to thy rest <a href="https://t.co/vh1l7hv2dw">https://t.co/vh1l7hv2dw</a>	-0.0502	0
4756	@flcnhv @tarimnazmi ceres, callisto, ganymede & titan	-0.0502	0
4757	@justpaulinelol actually true	-0.0502	0.4215
4758	@erdayastronaut @flcnhv @tarimnazmi for sure	-0.0502	0.3182
4759	@erdayastronaut @kevinkling12 @djsnm @spacexcentric sea level raptor's vacuum isp is ~350 sec, but ~380 sec with larger vacuum-optimized nozzle	-0.0502	0.4588
4760	@evafoxu @justpaulinelol @flcnhv @tarimnazmi photoshop is amazing	-0.0502	0.5859
4761	@spacexfan97 @erdayastronaut @kevinkling12 @djsnm @spacexcentric most likely	-0.0502	0
4762	@erdayastronaut @kevinkling12 @djsnm @spacexcentric over time, 355 & 385 are possible, but very difficult	-0.0502	-0.3612
4763	@erdayastronaut @djsnm @kevinkling12 @spacexcentric raptor turbines can spin up extremely fast. we take it easy on the test stand, but that's not indicative of capability.	-0.0502	0.4877
4764	@djsnm @erdayastronaut @kevinkling12 @spacexcentric not currently planning for pad abort with early starships, but maybe we should. vac engines would be dual bell & fixed (no gimbal), which means we can stabilize nozzle against hull.	-0.0502	0
4765	@flcnhv @djsnm @erdayastronaut @kevinkling12 @spacexcentric everything happens so fast. it's such a different paradigm that applying aircraft concepts to rockets is almost like applying shipping concepts to aircraft. travels 10,000 km in 30 mins.	-0.0502	0.2975
4766	@erdayastronaut @vicvic21266 @flcnhv @djsnm @kevinkling12 @spacexcentric 	-0.0502	0
4767	@erdayastronaut @djsnm @kevinkling12 @spacexcentric distance from fireball is $0.5*a*t^2$ , so if t is small, you haven't moved far even if a is high. at ~6g thrust, you'll only travel ~0.03m in 100 ms. pressure wave (aka explosion) with liquid rockets is low, as ox & fuel are poorly mixed. if you can fly out of it, you're prob ok.	-0.0502	-0.2732
4768	@erdayastronaut @ivanescobosa @djsnm @kevinkling12 @spacexcentric precisely	0.0391	0
4769	@erdayastronaut @jhc2718 @magnussonmani @vicvic21266 @flcnhv @djsnm @kevinkling12 @spacexcentric failure rate is actually both higher & lower than that, as the falcon 9 design has changed almost completely several times. currently flying version has no failures (may fate continue to be merciful), but older versions therefore have a higher failure rate.	0.0391	-0.8316
4770	@teslarati the hex tiles are actually mechanically attached, which is important to allow for very high temp on back side of tile that would destroy any adhesive. marshmallow-looking thing is a rope seal.	0.0391	0.4019
4771	@nate_mccomb @teslarati 48 61 20 68 61	0.0391	0
4772	@kierank_ @teslarati looks good	0.0391	0.4404
4773	@tesla_truth exactly	0.0391	0
4774	@c3lt_games will be answered on 28th	0.0391	0
4775	♥ ♥ ISIS island ISIS ♥ ♥ <a href="https://t.co/p6eqkdlpun">https://t.co/p6eqkdlpun</a>	0.0391	0
4776	@kimpaquette @tesla for sure!	0.0391	0.3182

4777	@theonion @tim_cook 🍔	0.0391	0
4778	obv	0.0391	0
4779	@mortchad @theonion i'd love to	0.0391	0.6369
4780	@samnazarius @mortchad @theonion no, but that was an epic piece at a time when the word was being overrun by demented versions of an otherwise delightful jam container. it was like world war z, but mason jars ...	0.0391	-0.34
4781	@flcnhv @samnazarius @mortchad @theonion aargh!!	0.0391	0
4782	getting ready for flight of orbit-class starship design <a href="https://t.co/ctxtq522ia">https://t.co/ctxtq522ia</a>	0.0391	0.3612
4783	dmt ftw <a href="https://t.co/dgfv2telg2">https://t.co/dgfv2telg2</a>	0.1820	0.4588
4784	@hanktheskank34 @joerogan 🎧	0.1820	0
4785	model s just set record for fastest 4 door ever at laguna seca, video tmrw	0.1820	0
4786	@alistairmilne model s is already there	0.1820	0
4787	@alistairmilne but we probably won't try for best lap time this week, as we need to review & tune model s thoroughly for safety on nürburgring, especially flugplatz section	0.1820	0.7906
4788	@nichegamer this could be good	0.1820	0.4404
4789	@flcnhv @nichegamer polytopia	0.1820	0
4790	@teslaownerssv @flcnhv @nichegamer of course	0.1820	0
4791	@renatakonkoly @teslaownerssv @flcnhv @nichegamer cuphead	0.1820	0
4792	@mkbhd @alistairmilne next year	0.1820	0
4793	@v_g_fischer @teslaownerssv @flcnhv @nichegamer a flock of bricks	0.1820	0
4794	the only thing beyond ludicrous is plaid	-0.1564	-0.3612
4795	@annerajb no	-0.1564	0
4796	@emicimaz yes. to be clear, plaid powertrain is about a year away from production & applies to s,x & roadster, but not 3 or y. will cost more than our current offerings, but less than competitors.	-0.1564	0.6486
4797	@mkbhd soon	-0.1564	0
4798	@sofiaan @emicimaz yes	-0.1564	0.4019
4799	@flcnhv @sofiaan @emicimaz flux capacitor option package	-0.1564	0
4800	@ppathole @flcnhv @sofiaan @emicimaz spaceballs	-0.1564	0
4801	@thephoenixflare @ppathole @flcnhv @sofiaan @emicimaz all great! ❤️ mel brooks	-0.1564	0.6249
4802	model s at nürburgring has 7 seats	-0.1564	0
4803	@jcobrae to carry 7 people	-0.1564	0
4804	@kalinizaurus @wylsacom good point	-0.1564	0.4404
4805	@theonion the downward spiral ...	-0.1564	0
4806	@universal_sci makes it clear that you can only sense acceleration, not velocity	-0.1564	0.3818
4807	@dc_nawfel @universal_sci v^2/r is fun haha	-0.1564	0.743
4808	@teslarati autopilot active crash prevention keeps getting better, as we examine every crash for improvement & then upload smarter software. ironically, i hope we're never on the list!	-0.1564	0.8442
4809	@justpaulinelol @dc_nawfel @universal_sci this is technically a speedraptor	-0.1546	0
4810	@justpaulinelol @dc_nawfel @universal_sci a speedraptor is a velociraptor with no sense of direction (that's how you can them apart)	-0.1546	0
4811	@teslarati ahem <a href="https://t.co/amlcvshgz">https://t.co/amlcvshgz</a>	-0.1546	0
4812	@rationaletienne @guardian @verge @cnbc @qz @reuters @nytimes @jalopnik @newyorker @business at least they had great cigars 🍔 <a href="https://t.co/iqb25ratbv">https://t.co/iqb25ratbv</a>	-0.1955	-0.5096
4813	tesla commercial solar ordering now live at <a href="https://t.co/sckn87vma9!">https://t.co/sckn87vma9!</a>	-0.1955	0
4814	@garythebot_yes, that's exactly what i meant, gary the bot!	-0.1955	0.4019
4815	@kristennetten yes	-0.1955	0.4019
4816	@31wa haha exactly!	-0.1955	0.4588
4817	@wikipedia they used to have butt bellows for blowing smoke up your ... along the thames river in london <a href="https://t.co/p8sjgokly8">https://t.co/p8sjgokly8</a>	-0.1955	0
4818	@wonderofscience sagan was awesome	-0.1955	0.6249
4819	@slashdot personally, i think the universe looks great for 12 billion years, let alone 13.8	-0.1955	0.4767
4820	@justpaulinelol @31wa hopefully, next year	-0.1955	0.4019
4821	@model3owners looking into this. a fundamental premise of tesla is that everyone is offered same terms at same time, ie what you get should never be a function of bargaining.	-0.1955	0
4822	@teslatunity @model3owners there aren't really meant to be "tesla incentives", just general price changes to reflect optimal value of product, as we sometimes get prices of some variants wrong or need to (partially) address shifts in tax incentives. overarching principle, however, is same deal for all.	-0.1955	0.712
4823	@hoofhrt1254 @teslatunity @model3owners going to early access (including all who bought fsd) tesla owners in us next week. if us early access rollout looks good, then rest of world early access owners following week. might be some delays in eu for regulatory approval.	-0.1955	0.7184
4824	@flcnhv @hoofhrt1254 @teslatunity @model3owners agreed	-0.1955	0.2732

4825	@kristennetten @model3owners the fundamental operating principle is that prices, while they may change, will change for all equally & should never be a function of bargaining. this is normal for most products, but weirdly not for the auto industry in most parts of the world.	-0.1955	-0.296
4826	@teslaownerssv @kristennetten @model3owners at end of quarter, there is always some error in product mix allocation between the roughly 40 global regions, due to planning mistakes & logistics problems (earth is a big place). small changes in prices are needed to correct local supply/demand imbalances.	-0.1955	-0.8126
4827	@teslaownerssv @kristennetten @model3owners that's not to say that tesla people somewhere in the world are being overzealous & possibly overstepping our core principles, which is why i'm looking into it	-0.1955	0
4828	@teslaownerssv @kristennetten @model3owners should note that these product mix & logistics errors also results in regional *undersupply*, eg uk & ireland right now, but we don't raise the prices even so. the intent, at any given moment in time, is: heads we lose, tails buyers win.	-0.1955	-0.0772
4829	@teslaforlife @teslaownerssv @kristennetten @model3owners exactly! we've only one car factory in california & one gigafactory (for batteries & drive units) in nevada. giga shanghai will do cars, batteries & drive units for the greater china area. over time, regional gigafactories will lower costs & improve logistics worldwide.	-0.1955	0.4939
4830	good analysis. you can order commercial solar in literally 30 secs if you use apple pay at <a href="https://t.co/sckn87vma9">https://t.co/sckn87vma9</a> . <a href="https://t.co/v1rnpm1hdk">https://t.co/v1rnpm1hdk</a>	-0.1955	0.3612
4831	however, we won't customize the contract or engage in negotiations. that just causes the tesla & customer legal bill to be high & drag things out. pay for clean power, not lawyers! it makes way more sense.	-0.1955	0.5106
4832	@garythebot_wise words from gary the bot	-0.1955	0.4767
4833	thanks tesla owners. you rock!! ❤️ ❤️ <a href="https://t.co/atueftkyqu">https://t.co/atueftkyqu</a>	-0.1955	0.4404
4834	joe mode is the best mode <a href="https://t.co/uvcstevnp">https://t.co/uvcstevnp</a>	-0.1955	0.6369
4835	@thecriticofvg oh that would be fun. will see.	-0.1955	0.5106
4836	@teslated tested yes, coming soon	-0.1955	0.4019
4837	@annerajb @teslaforlife @teslaownerssv @kristennetten @model3owners getting close	-0.1955	0
4838	@austinbarnard45 i ❤️ visiting boca chica, brownsville & texas in general! thanks for all your support!!	-0.1955	0.6808
4839	@danalon1 @teslated that's what we believe is highly likely	-0.1955	0
4840	@flcnhv1 @austinbarnard45 🎉 ❤️ starship team ❤️ 🎉	-0.1955	0
4841	@teslamodel3fan maybe we can buffer enough of it onboard. will check.	-0.1955	0
4842	@janeidyeve @austinbarnard45 sure, i'm planning on meeting community supporters around the presentation on the 28th. thanks!	-0.1955	0.7964
4843	@justpaulinelol @teslaownerssv @kristennetten @model3owners service center expansion is at max speed, so yes	-0.1955	0.4019
4844	@kristennetten @evafoxu @justpaulinelol @teslaownerssv @model3owners i want this t-shirt!	-0.1955	0.0772
4845	@wonderofscience damn ...	-0.1955	-0.4019
4846	@sofiaan @kristennetten @evafoxu @justpaulinelol @teslaownerssv @model3owners great conversation-starter!	-0.1955	0.6249
4847	@evgeni_enchev 10.1	-0.1955	0
4848	@teslarati feeling lucky (google tribute!) or hungry are 100% intended for max enjoyment of tesla owner. if location has destination chargers, that's a plus, but car should only route there if location is great. this will be hit & miss initially, but should hone towards excellent over time.	-0.1955	0.9022
4849	@model3owners absolutely	-0.0377	0
4850	droid junkyard, tatooine <a href="https://t.co/yacfr9y04p">https://t.co/yacfr9y04p</a>	-0.0377	0
4851	area 51 of area 51 <a href="https://t.co/du7i92sfao">https://t.co/du7i92sfao</a>	-0.0377	0
4852	@bonnienorman @model3owners they're available through the app, but we need to make them easier to find	-0.0377	0.4215
4853	@bocachicamaria1 thanks, i will stop by on the 20th!	-0.0377	0.1779
4854	@teslarati it's a start. we expect these track times to be beaten by the actual production 7 seat model s plaid variant that goes into production around oct/nov next year.	-0.0377	0
4855	@zainraz4 @teslarati no, original 5 forward facing seats plus 2 rear-facing smaller seats. the new rear seats will accommodate larger passengers than before.	-0.0377	0.3182
4856	@justpaulinelol @teslarati new roadster and x will come later	-0.0377	0
4857	@flcnhv1 @teslarati absolutely	-0.0377	0
4858	@danielcardena @teslarati rear facing, but roomier. great for family gatherings! i did a road trip across america with my five boys & talulah in the 7 seat model s several years ago.	-0.0377	0.6249
4859	@teslaownerssv @flcnhv1 @teslarati no, but very close	-0.0377	0
4860	@elonaccessories @teslaownerssv @flcnhv1 @teslarati actually, model 3 would beat the taycan on nürburgring over multiple laps, as it has more range	-0.0377	0
4861	@dmc_ryan @justpaulinelol @teslarati exactly	-0.0377	0

4862	@flcnhv @elonaccessories @teslaownerssv @teslarati you never know ...	-0.0377	0
4863	@tfm312 @tesla glad you're ok!	-0.0377	0.6369
4864	@erdayastronaut yes	-0.0377	0.4019
4865	@ppathole @erdayastronaut landing leg frame	-0.0377	0
4866	@wikipedia apollo	-0.0377	0
4867	@28delayslater @tesla haha	-0.0377	0.4588
4868	@harrystoltz1 @28delayslater @tesla a little, but this is mostly a design update for those interested	-0.0377	0.4019
4869	@theonion busted	-0.0377	0
4870	@newsweek in other news ...	-0.1478	0
4871	told you ai was dangerous!! 🎨🎭🎸 https://t.co/bbteyjp0qz	-0.1478	-0.4767
4872	@jasonwhansen @tesla yes	-0.1478	0.4019
4873	@areus lane offset should be much better in v10.0	-0.1478	0.4404
4874	@rationaletienne @laurenrow5 je ne regrette etienne	-0.1478	0
4875	@_jameshatfield_ @rationaletienne @laurenrow5 https://t.co/epdlnkjz5k	-0.1478	0
4876	amazingly, this is not an onion article	-0.1478	0
4877	@lilskoorb nice	-0.1478	0.4215
4878	@annerajb @rationaletienne @laurenrow5 l'ambroisie, place des vosges	-0.1478	0
4879	@mfrunker whoa cool	-0.1478	0.3182
4880	@fermatslibrary for some reason, i always loved this formula	-0.0876	0.5994
4881	@memesofmars @fermatslibrary $e^{\pi} \odot + 1 = 0$	-0.0876	0
4882	@memesofmars @fermatslibrary and of course, this one, but that's obv https://t.co/ukwyrbwjkz	-0.0876	0
4883	@evafoxu @memesofmars @fermatslibrary nice compression	-0.0876	0.4215
4884	electric is the future! congratulations daimler!! https://t.co/zg2vsj4tjo	-0.0876	0.5994
4885	@mercedesbenz very meaningful action by the company that invented the internal combustion engine. people will remember this day. respect.	-0.2714	0.6597
4886	@tesla_truth well said	-0.2714	0.2732
4887	@chrisleehawaii @tesla much better chess engine coming	-0.2714	0.4404
4888	@tesletter @tesla_truth fixing several minor bugs & a regression in highway driving, so probably early to mid next week	-0.2714	0
4889	@itsjaylew @tesletter @tesla_truth no, it's one integrated release	-0.2714	0
4890	@nytimes you have been warned https://t.co/11chfhudr1	-0.2714	0
4891	@flcnhv @nytimes that's what life was like back in 1985	-0.2714	0.3612
4892	@teslarati great work by spacex parachute engineering! the crew dragon parachutes are way more difficult than they may seem. the apollo program found them to be so hard that it became a notable morale problem!	-0.0688	-0.128
4893	@justpaulinelol @teslarati yes	-0.0688	0.4019
4894	@teslatedtested @teslarati will discuss with my product team next week, but probably	-0.0688	0
4895	@teslatedtested @teslarati next quarter	-0.0688	0
4896	@robotbeat @justpaulinelol @teslarati sure. have to do it on mars from beginning. will ultimately do that on earth too, so rocket flights will be zero net carbon long-term.	-0.0688	0.3182
4897	@vincent13031925 @residentspponge @teslarati it's my 🎨 glasses 😊	-0.0688	0
4898	@cleantechnica srsly	-0.0688	0
4899	either way, sustainable energy wins!! https://t.co/13hb5hd2hc	-0.0688	0.7003
4900	@teslaownerssv thanks!	-0.0688	0.4404
4901	adding the rear moving fins to starship mk1 in boca chica, texas https://t.co/hwlhqiuhph	-0.0688	0
4902	@spacexfan97 yes. there's a huge amount of hardware in the tip of the fairing that being integrated on the ground, which is why we haven't closed it out.	-0.0688	0.6124
4903	@spacexfan97 nose tip has forward movable fins, cold gas attitude control thrusters, header tanks for landing, composite pressure vessels, several large batteries, etc. placed up there to balance high mass of raptors & rear fins at the bottom.	-0.0688	-0.296
4904	@erdayastronaut stability is not an issue with 3	-0.0688	0
4905	@erdayastronaut stability is controlled by (very) rapid movement of rear & fwd fins during entry & landing, as well as acs thrusters. the smaller leeward "fin" would simply be used as a leg.	-0.0688	0.2732
4906	@erdayastronaut current analysis, which i'm not fully bought into, suggests that 2 rear fins with separate airframe-mounted legs will be lighter, so this is the plan for mk1/mk2	-0.0688	0
4907	@kalzsom @erdayastronaut for aero control, it comes down to % of cross-sectional area moving vs not. flexible as to whether front or rear, so long as within bounds of center of mass & pressure.	-0.0688	-0.296
4908	@happych19952208 😊	-0.0688	0
4909	@erdayastronaut @cptncrutch5373 @kalzsom super heavy rocket will be much like falcon 9, but the ship is a strange combination of dragon, f9 & a skydiver.	-0.0688	0.6808
4910	just leaving spacex starship build site in boca https://t.co/bqt40msdx4	-0.0688	0

4911	@kristennetten spacex foundry is used exclusively for advanced alloys/shapes for raptor, incl our superalloy, sx500	-0.0688	0.25
4912	@28delayslater @karpathy classified as a uro, unidentified road object (from area 69)	-0.0688	0
4913	@flcnhv @28delayslater @karpathy ahem ... well ... um ...	-0.0688	0.2732
4914	@teslamiles @28delayslater @karpathy @tesla og roadster is def helping us out here with 826m miles by itself <a href="https://t.co/pcybhf8jc3">https://t.co/pcybhf8jc3</a>	-0.0688	0.296
4915	@mich41v4294 @flcnhv @28delayslater @karpathy hoping to open in slovakia, croatia, serbia & most of eastern europe early next year. finally, we will do nikola tesla proud by having his cars in his countries of origin!	-0.0688	0.7096
4916	@theonion "between the trees and the forest floor, it's like a giant mural," continued the veritable high priest of the harvest season, adding that he would soon have to rake his driveway, an activity for which he will most certainly don a cashmere scarf.	-0.6354	0.5994
4917	some secrets are too dangerous to be free <a href="https://t.co/g547udmij7">https://t.co/g547udmij7</a>	-0.6354	0.0516
4918	@janeidyeve just sent a note to check	-0.6354	0
4919	@bopinion herbert diess is doing more than any big carmaker to go electric. the good of the world should come first. for what it's worth, he has my support.	-0.6354	0.7579
4920	@erdayastronaut that's correct. essentially controlled falling, like a skydiver.	-0.6354	0.2263
4921	@flcnhv @erdayastronaut many powerful electric motors & batteries. force required is enormous, as entire fin moves. more about this on the 28th.	-0.6354	0.4215
4922	@erdayastronaut it does actually generate lift in hypersonic regime, which is important to limit peak heating	-0.6354	0.2023
4923	@djsnm exactly. for reusable heatshield, minimize peak heating. for ablative/expendable, minimize total heat. therefore reusable like starship wants lift during high mach reentry for lower peak, but higher total heat.	-0.6354	0.0772
4924	@erdayastronaut better just to ride your max temp all the way down & let t^4 be your friend. lower atmosphere cools you down real fast, so not crazy hot after landing.	-0.6354	0.3612
4925	@oranmaliphant @erdayastronaut could do it, but we developed low cost reusable tiles that are much lighter than transpiration cooling & quite robust	-0.6354	0.1513
4926	@the_shadowzone @djsnm for sure more than one pass coming back to earth. to mars could maybe work single pass, but two passes probably wise.	-0.6354	0.6597
4927	@teslarati tesla is building a major engineering team in china, incl heavy focus on software/firmware for factory & car	-0.6354	0
4928	@teslarati this includes original engineering of new factory processes & cars. great engineers will only join if original engineering is supported, not just localization.	-0.6354	0.872
4929	@flcnhv @erdayastronaut @tesla it would be pretty embarrassing to use a non-tesla battery!	-0.6354	0.1531
4930	@justpaulinelol @teslarati mostly c/c++, python & sql	-0.6354	0
4931	@harrystoltz1 @justpaulinelol @teslarati turbo pascal	-0.6354	0
4932	@samnazarius @harrystoltz1 @justpaulinelol @teslarati almost entirely c++, but we did have an (advanced for the time) client-side java app for viewing maps & (weirdly) a 3d hockey game in vrml	-0.6354	-0.0478
4933	@levie exactly	0.0244	0
4934	@katlinegrey язы́к хорошо подвешен	0.0244	0
4935	@evafoxu @katlinegrey правда	0.0244	0
4936	@justpaulinelol @evafoxu @katlinegrey <a href="https://t.co/izvngwwy7g">https://t.co/izvngwwy7g</a>	0.0244	0
4937	lifting lower section of starship <a href="https://t.co/bfw17i469a">https://t.co/bfw17i469a</a>	0.2565	-0.296
4938	@erdayastronaut @kimalvitie six. two windward, one under each fin & two leeward. provides redundancy for landing on unimproved surfaces.	0.2565	0
4939	@teslatunity @tesla you're welcome! feature requests always appreciated.	0.2565	0.743
4940	@teslaownerssv @teslatunity @tesla absolutely	0.2565	0
4941	@jennerator211 @erdayastronaut mk1 ship is around 200 tons dry & 1400 tons wet, but aiming for 120 by mk4 or mk5. total stack mass with max payload is 5000 tons.	0.2565	0
4942	@annerajb @jennerator211 @erdayastronaut with rare exceptions, composites would make starship heavier. they don't stand up well to high temperatures, but steel does great.	0.2565	0.7351
4943	@teslagong @teslaownerssv @teslatunity @tesla not sure we could go quite that tight, but we can for sure allow much narrower spaces at user's discretion	0.2565	0.6969
4944	@erdayastronaut 50m	0.2565	0
4945	@markchica @kristennetten @teslagong @teslaownerssv @teslatunity @tesla we could probably do that	0.2565	0
4946	@28delayslater @djsnm haha awesome	0.2565	0.7964
4947	@flcnhv @28delayslater @djsnm this is quite a complex beast, but hopefully within a month or so	0.2565	0.4522
4948	@kristennetten @annerajb @jennerator211 @erdayastronaut that would be a nice touch	0.2565	0.4215
4949	@wally_wests exactly	0.2565	0

4950	if advanced ai (beyond basic bots) hasn't been applied to manipulate social media, it won't be long before it is	0.2565	0.25
4951	anonymous bot swarms deserve a closer examination. if they're evolving rapidly, something's up.	0.2565	0
4952	@moyo5150 more like <a href="https://t.co/f8bulz0xdo">https://t.co/f8bulz0xdo</a>	0.2565	0.3612
4953	@garythebot_gary, you rock!	0.2565	0
4954	@justpaulinelol we look for rare corner case issues with a limited release us build, then expand internationally as we receive approval from regulatory authorities. so, soon, but hard to say exactly.	0.2565	0.4767
4955	@brendancogbill7 about a week. will include slight improvements, based on initial user feedback.	0.2565	0.3182
4956	@spacepadreisle @spacex wow, it's been 5 years since we started at boca!	0.2565	0.5859
4957	three raptors on a starship <a href="https://t.co/urrid62evk">https://t.co/urrid62evk</a>	0.2565	0
4958	@erdayastronaut @cor_space raptor uses milled copper channels with an inconel jacket all the way down	-0.1067	0
4959	@dloesch media report was false	-0.1067	0
4960	meanwhile, back in reality <a href="https://t.co/nrhhb9g81l">https://t.co/nrhhb9g81l</a>	-0.1067	0
4961	@garythebot_figure of speech	-0.1067	0
4962	@erdayastronaut @cor_space what blows my mind is that peak pressure in regen chamber & nozzle is *far* above combustion pressure at over 800 bar or ~12,000 psi	-0.1067	-0.5267
4963	@ncbirbhan @erdayastronaut @cor_space probably around 6 or 7pm	-0.1067	0
4964	@flcnhv @erdayastronaut @cor_space no, we've been focusing on production (now on sn12). only need 250 bar or even a bit less for starship/super heavy. anything above 250 is nice to have & we'll get around to it, but not needed for flight.	-0.1067	0.7522
4965	@carter_99 @erdayastronaut @askingbubble385 @cor_space yes	-0.1067	0.4019
4966	@erdayastronaut @cor_space there's so much power going through this engine that it's close to the limit of the known physics of materials in many places	-0.1067	0
4967	summon is improving rapidly <a href="https://t.co/khgxrnd2z">https://t.co/khgxrnd2z</a>	-0.1067	0.4215
4968	starship halves being joined <a href="https://t.co/7pdxfh8e81">https://t.co/7pdxfh8e81</a>	-0.1067	0
4969	starship will allow us to inhabit other worlds	-0.1067	0.2263
4970	to make life as we know it multiplanetary	-0.1067	0
4971	@tesla_truth @tesla precisely	-0.1660	0
4972	@tesla_truth makes sense	-0.1660	0
4973	@tesla_truth special light pattern (but not hazards, as they're too shrill) seems right	-0.1660	0.4019
4974	@tesla_truth @nrf_designs we're going to use the pedestrian pink noise speaker to talk to people & create customized horn sounds. "i beg your pardon, but would you be so kind as to allow me to proceed?" said in the voice of mr. darcy.	-0.1660	0.7506
4975	rage, rage against the dying of the light <a href="https://t.co/agrw4vowaq">https://t.co/agrw4vowaq</a>	-0.1660	-0.802
4976	@thejackbeyer 😊	-0.1660	0
4977	@disruptresearch @tesla @karpathy probably our most viral feature ever. most of the autopilot team has been working on this, led by ashok, cj, andrej & many others.	-0.0122	0
4978	@evafoxu @disruptresearch @tesla @karpathy cool video!	-0.0122	0.3182
4979	inside starship cargo bay. header tanks mounted in tip of nosecone to offset engine weight at rear. <a href="https://t.co/ejswqmcooa">https://t.co/ejswqmcooa</a>	-0.0122	0
4980	@harrystoltz1 in solving for a good mars climate, we will learn a great deal about how to do so on earth. it is the inverse problem.	-0.0122	0.7717
4981	@trevormahlmann haha yes	-0.0122	0.6908
4982	@colinpearceuk bigger flaps/fins at rear also moves center of pressure back	-0.0122	-0.296
4983	production version will be a lot more polished than this prototype, but still fun to see	-0.0122	0.5106
4984	@ss4adrian clearly a sign of the apocalypse!	-0.0122	0.4019
4985	@kristennetten @ss4adrian i have that exact thought every time i get the flu	-0.0122	-0.3818
4986	@angelndevil2 @markchica @futurejurvetson @bluemondance74 @spacex raptor cost is tracking to well under \$1m for v1.0. goal is <\$250k for v2.0 is a 250 ton thrust-optimized engine, ie <\$1000/ton	-0.0122	0.6249
4987	@angelndevil2 @markchica @futurejurvetson @bluemondance74 @spacex it's all the "secondary" structure that concerns me, not engines & primary airframe	-0.0122	0
4988	@oranmaliphant @erdayastronaut @angelndevil2 @markchica @futurejurvetson @bluemondance74 @spacex that's about right, except no sensors. tile itself is the sensor as it will partially ablate where too hot & have to be replaced.	-0.1093	0
4989	@keithmansfield @erdayastronaut great summary of the key points!	-0.1093	0.6249
4990	@justpaulinelol @keithmansfield @erdayastronaut if 20km works, then orbit	-0.1093	0
4991	@tesla_truth thanks, tesla team is the strongest it's ever been & doing an amazing job! honored to work beside them.	-0.0693	0.8885
4992	over 550,000 tesla smart summon uses in first few days!	-0.0693	0.4019
4993	@memesofmars first point release update expected to go out this weekend	-0.0693	0

4994	@flcnhv not yet	-0.0693	0
4995	@annerajb @flcnhv hopefully, a month or two, although it may be a little silly at first	-0.0693	0.3626
4996	@arctechinc aiming for this weekend!	-0.0693	0
4997	@adamforbes @annerajb @flcnhv enhanced should get it too	-0.0693	0
4998	@teslaownerssv @arctechinc not sure, will ask regulators	-0.0693	0.3182
4999	rosetta by vangelis is incredible <a href="https://t.co/mkqbsdvsn">https://t.co/mkqbsdvsn</a>	-0.0693	0
5000	@flcnhv @harrystoltz1 welded steel	-0.0693	0
5001	@tarikcelebii wow, cool! summon will get steadily smoother until it's like an expert chauffeur who knows you well.	-0.1101	0.8658
5002	@teslaownersssk @tesla sorry it took so long!	-0.1101	-0.0772
5003	@nichegamer let's go boyz!	-0.1101	0
5004	excited about launching @nasa asteroid defense mission! #armageddon69 <a href="https://t.co/6hz4ckolwu">https://t.co/6hz4ckolwu</a>	-0.1101	0.4404
5005	@tesla_truth 🎉	-0.1101	0
5006	@rklau great list of hotel hacks in this thread!	-0.1101	0.6249
5007	@vincent13031925 @sofiaan @sce exactly	0.1366	0
5008	@mikeado @lancelot_fox @tommymcglynn @trevorandersen @fermatslibrary it's true 🎉	0.1366	0.4215
5009	@evafoxu to understand the nature of consciousness	0.1366	0
5010	@bluemoondance74 @evafoxu we will understand the next question	0.1366	0
5011	@erdayastronaut @bluemoondance74 @evafoxu haha	0.1366	0.4588
5012	customized horn & movement sounds (coconuts being one, of course) coming to teslas soon	0.1366	0
5013	@teslaownerssv sure	0.1366	0.3182
5014	@judameg will consider	0.1366	0
5015	given how quickly the world is shifting to electric vehicles, a gas/diesel vehicle bought today will probably have low resale value <a href="https://t.co/zmfowk9wml">https://t.co/zmfowk9wml</a>	0.1366	0.0772
5016	@yukaichou @tesla any feature requests?	0.1366	0
5017	@spodiedodie agreed, fair point	0.1366	0.5267
5018	@tameemji @yukaichou @tesla good ones	0.1366	0.4404
5019	@jesterpb @yukaichou @tesla agreed	0.1366	0.2732
5020	and that's just the tip of the iceberg <a href="https://t.co/cgrkidsdbk">https://t.co/cgrkidsdbk</a>	0.1366	0
5021	trouble! <a href="https://t.co/qo2hr7vcsp">https://t.co/qo2hr7vcsp</a>	0.1366	-0.4019
5022	@wellsadams done	0.1366	0
5023	@browserdotsys haha true	0.1366	0.7003
5024	@pewdiepie hāhā	0.1366	0
5025	@gizmodo we're doomed!	0.0194	0
5026	@bnordhaug @gizmodo i hope so	0.0194	0.4404
5027	@flcnhv @bnordhaug @gizmodo culture class is really something	0.0194	0
5028	@alex_gayer 🎉	0.0194	0
5029	@sciguysspace for what it's worth, the spacex schedule, which i've just reviewed in depth, shows falcon & dragon at the cape & all testing done in ~10 weeks	0.0194	0.2263
5030	@sciguysspace we had to reallocate some resources to speed this up & received great support from airborne, our parachute supplier. i was at their irvine factory with the spacex team on sat and sun. we're focusing on the advanced mk3 chute, which provides highest safety factor for astronauts.	0.0194	0.891
5031	@flcnhv @sciguysspace all hardware is at the cape. need to do static fire and reconfigure for flight. launch probably late nov / early dec.	0.0194	-0.34
5032	@justpaulinelol i'm in the credits	0.0194	0
5033	@teslarati 🚀	-0.0116	0
5034	@annerajb @teslarati not easily, as requires wire harness changes	-0.0116	0.34
5035	@aero_johng @erdayastronaut @sciguysspace yeah	-0.0116	0.296
5036	@teslaownerssv thanks for mentioning. should be enabled on all loaner cars.	-0.0116	0.4404
5037	@alex_gayer @teslaownerssv will remove	-0.0116	0
5038	the color orange is named after the fruit	-0.0116	0
5039	@sara_boutall door hinge	-0.0116	0
5040	@teslaownerssv yes	-0.0116	0.4019
5041	why is there no emoji for dignity!!	-0.0116	0.4019
5042	🐎	-0.0116	0
5043	@_garythebot siq burn, gary, siq burn	-0.0116	0
5044	@thebault_arthur @_garythebot next update	-0.0116	0
5045	a shortfall of gravitas	-0.0116	0
5046	@nextspaceflight yes	-0.0116	0.4019
5047	tesla software v10.0 comes with karaoke 🎤	-0.0116	0
5048	but we call it "caraoke", because it's in a 🚗	-0.0116	0
5049	it's really quite fun!	-0.0116	0.5956
5050	@_garythebot even gary likes it!	-0.0116	0.4215

5051	@georgkonjovic working on it	-0.0116	0
5052	@jimbridenstine @nasamoon important for moonbase alpha!	-0.0116	0.2023
5053	@tesla_truth no change	-0.0116	0
5054	@annerajb @tesla_truth yes	-0.0116	0.4019
5055	@kristennetten @annerajb @tesla_truth 🎉🚗🌐	-0.0116	0
5056	@teslarati we're changing powerwall storm watch to disaster watch. covers more bases.	-0.0116	-0.6249
5057	<a href="https://t.co/bkkeiiznpm">https://t.co/bkkeiiznpm</a>	-0.1201	0
5058	sooo annoying!! <a href="https://t.co/qktcc0ygdg">https://t.co/qktcc0ygdg</a>	-0.1201	-0.4019
5059	also adding tesla solar to our supercharger stations as fast as possible. goal is 24/7 clean power with no blackouts.	-0.1201	0.4019
5060	@milostoessel @tesla @teslaschweiz ok	-0.1201	0.296
5061	@rationaletienne @tesla_truth @afmusk @28delayslater @evafoxu @johnnacrider1 @vincent13031925 @mayemusk @renatakonkoly @tesla @zshahan3 true 🎉🌐	-0.1201	0.4215
5062	@gfilche @tesla fundamental metric of good of tesla is how many years sooner it brings the advent of a sustainable energy future	-0.1201	0.6124
5063	@mandeepdalip @tesla will be throughout canada	0.1512	0
5064	now that tesla v10.0 with smart summon is out, full self-driving price will increase by \$1000 on nov 1	0.1512	0.6124
5065	@thebault_arthur still working with rdw, the car regulatory authority in netherlands. unclear why there's a delay. other countries are supportive.	0.1512	0.0516
5066	@annerajb @thebault_arthur working with engineering team to figure out best way to do upgrade without crushing service team. will start doing upgrades in volume in a few months, coincident with more fsd features being released.	0.1512	0.7438
5067	@wilsonlam 😊	0.1512	0
5068	@tesla_addicted @sanjeev_r11 @vincent13031925 putting panels on east or west facing roofs works well too. energy loss is fairly minor. just north facing that's problematic above ~30 deg latitude.	0.1512	0.2263
5069	@cutza7 when the car is fsd without supervision, ie robotaxi, you'll be able to earn far more than monthly lease/loan cost by allowing others to use it. managing a small fleet of robotaxis will be a career for many & much better than driving a single car.	0.1512	0.4404
5070	@bruce_mittleman tesla cannot continue to lose money. to achieve our goal of environmental sustainability, tesla must be financially sustainable or we will cease to exist.	0.1512	-0.4019
5071	@brockm yes, but probably a year or two away. lot of fish to fry ...	0.1512	0.4019
5072	price for fully installed solar plus battery has been reduced ~10% to help those affected by blackouts	0.1512	0.2732
5073	@wk057 @tesla should be much better at this point	0.1512	0.4404
5074	@cleantechica several finesse improvements coming to smart summon in coming weeks. will be smooth as silk.	0.1512	0.6124
5075	@tesla_truth @barkmsmeagol @vincent13031925 @jchybow @johnnacrider1 @28delayslater @flcnhvy @afmusk super messed up situation!	0.1512	0.3612
5076	@tesla_truth @barkmsmeagol @vincent13031925 @jchybow @johnnacrider1 @28delayslater @flcnhvy @afmusk .@drpatsoonshiong, are you aware that one of your senior journalists (russ mitchell) is openly funding a fake charity run by an online bully?	0.1512	-0.4767
5077	french fries 🍟 are the devil 😬 <a href="https://t.co/ar3h57rpia">https://t.co/ar3h57rpia</a>	0.1512	-0.6597
5078	@macwars fair point. will hold on eu price change until tesla gets clarity from regulators about smart summon feature release date.	0.1512	0.6124
5079	@bonnienorman whoa, that does look good!	0.1512	0.4404
5080	@erdayastronaut depends on total system efficiency & how long the propellant plant can run to refill starship, so 1 to 10mw as a rough guess	0.1512	0.3612
5081	@erdayastronaut solar	0.1512	0
5082	@owlmaster08 @tesla nice 🎉🌐	0.1512	0.4215
5083	@anonyx10 @mayemusk sure looks that way	0.1512	0.3182
5084	@nobody_really7 @anonyx10 @mayemusk so it goes	0.1512	0
5085	is space jam good?	0.1512	0.4404
5086	underappreciated 📽️, will watch!	0.1512	0
5087	first will rewatch godfather part ii, then space jam	0.1512	0
5088	@jay11w recommended for sure. both movies are incredible.	0.1512	0.4767
5089	space jam should've won the oscar <a href="https://t.co/e7l2dcaxdh">https://t.co/e7l2dcaxdh</a>	0.1512	0
5090	@russ1mitchell lol	0.1512	0.4215
5091	haha <a href="https://t.co/hy3ydsrvqk">https://t.co/hy3ydsrvqk</a>	0.1512	0.4588
5092	@teslagong coming v soon	0.1512	0
5093	@charalanahazard those rumors are false	0.1512	0
5094	@28delayslater @charalanahazard cybertruck doesn't look like anything i've seen bouncing around the internet. it's closer to an armored personnel carrier from the future.	0.1512	0.3612
5095	@teslaownerssv @28delayslater @charalanahazard ❤️ hot pot	0.1512	0

5096	@yogisc1127 @tesla deep rain™ neural net coming soon. we're not trademarking any other autopilot neural nets, just this one, because rain is deep.	0.1512	0
5097	@annerajb @yogisc1127 @tesla it is actually called deep rain, as sort of a joke at tesla. takes a surprising amount of deep learning to know when & how fast to move the wipers.	0.1512	0.5106
5098	@aquastorm yes, we will	0.1512	0.4019
5099	@tesla_truth @annerajb @yogisc1127 @tesla true	0.1512	0.4215
5100	@flcnhv @aquastorm venus would be very difficult	0.1512	-0.3612
5101	@tesla_addicted will start rendering traffic cones in the display soon	0.1512	0
5102	@stevemartineau6 @annerajb @yogisc1127 @tesla yes	0.1512	0.4019
5103	@annerajb @tesla_addicted software	0.1512	0
5104	@nasaspacesflight @ianpineapple yeah, will be raptor vertical test stand. hopefully allows simplification of raptor design, as pump shaft wear & drainage is better in vertical config. also, more representative of flight. test as you fly ...	0.1512	0.7783
5105	@neiltyson @space_station most people aren't aware that orbit (and "zero" gravity) is all about horizontal speed, not altitude. a spacecraft needs to travel about 25 times the speed of sound to stay in space.	0.1512	0
5106	@harrystoltz1 @neiltyson @space_station exactly. and you can on the moon, since it has no atmosphere.	0.1512	0
5107	@j_ump_er @neiltyson @space_station to be precise, r is distance from center of masses of two objects. center of mass of earth is ~6400km, so gravity change is small at space station altitude, which is ~6800km from center of earth. <a href="https://t.co/21hicwczmq">https://t.co/21hicwczmq</a>	0.1512	0
5108	@sofiaan @annerajb @tesla_addicted yeah, great team!	-0.0995	0.743
5109	@teslaownerssv @sofiaan @annerajb @tesla_addicted we're working on a simple initial version of autopark. will be safe, but sometimes park in silly places that aren't actual parking spaces.	-0.0995	0.4588
5110	@harrystoltz1 @neiltyson @space_station big challenge for starship refueling on the moon is finding sources of carbon. probably some pretty big deposits in craters from meteorites. same goes for hydrogen & oxygen, also in (shadowed) craters.	-0.0995	0.5423
5111	@torybruno @erdayastronaut @martiandays @aerojetrdyne this is true. all that matters is number used in $\Delta v$ equation. propellant residuals are incredibly important, often overwhelming engine mass. <a href="https://t.co/s2lceapgau">https://t.co/s2lceapgau</a>	-0.0995	0.6478
5112	@erdayastronaut @torybruno @martiandays @aerojetrdyne Oberth effect is not well appreciated. value of high thrust low in gravity well is not captured in simple delta-v equation. one of the reasons we favor ch4 over h2. <a href="https://t.co/lijrumujdq">https://t.co/lijrumujdq</a>	-0.0995	0.8591
5113	@erdayastronaut @torybruno @martiandays @aerojetrdyne max thrust version of raptor should achieve true t/w > 170. target is 1.5 ton engine with > 260 t-f. max isp version should achieve ~380 sec, but t/w probably < 120 due to big nozzle. these are just guesses for now.	-0.0995	0.7184
5114	@nextspaceflight @erdayastronaut @torybruno @martiandays @aerojetrdyne couple months, but v1.0 of raptor vac is suboptimal, as optimized for speed of development. isp maybe 365 to 370 sec.	-0.0995	0.4588
5115	@nextspaceflight @erdayastronaut @torybruno @martiandays @aerojetrdyne also, we're keeping area ratio low enough to fire raptor vac at sea level without flow separation, so that's leaving a lot on the table	-0.0995	-0.5423
5116	@martiandays @erdayastronaut @torybruno @aerojetrdyne we def could be wrong about this, but it's actually good to fix high efficiency vacuum engines with giant nozzles in place & only thrust vector engines with smaller nozzles. don't need a lot of room & moment of inertia is much lower.	-0.0995	0.0258
5117	@ingvar_olsen @neiltyson @space_station looking forward to kerbal 2!	-0.0995	0
5118	@ttownjoe @erdayastronaut @torybruno @martiandays @aerojetrdyne conservation of energy tells you the answer	-0.0995	0.2732
5119	@notericralph @martiandays @erdayastronaut @torybruno @aerojetrdyne yeah, gimbal sl engines at min throttle for control, so most of impulse goes through vac engines	-0.0995	0.296
5120	and the lead character is also named woody <a href="https://t.co/zxk84rb020">https://t.co/zxk84rb020</a>	-0.0995	0
5121	@rationaletienne @laurenrow5 @evafoxu @johnnacrider1 @kristennetten @vincent13031925 @28delayslater @sofiaan @hamids @insideevs prototypes are easy, but achieving volume production of a new technology is insanely hard	-0.0405	0.3612
5122	@rationaletienne @laurenrow5 @evafoxu @johnnacrider1 @kristennetten @vincent13031925 @28delayslater @sofiaan @hamids @insideevs tesla is first american car company to achieve sustained volume production in past ~100 years. hardest, most painful thing i've ever been through, including getting falcon to orbit.	-0.0405	-0.4404
5123	so much respect for those doing high volume manufacturing. it's insanely hard, but you make a real thing that people value. my hat is off to you ...	-0.0405	0.6249
5124	@erdayastronaut tesla team has done an incredible job with giga shanghai. honored to work with them. i'm in awe.	-0.0405	0.5859
5125	@teslarati the final configuration used at nürburgring to set the record will go into production around summer 2020, so this is not merely for the track	-0.0405	0

5126	tesla wins best headlights award 🎉 <a href="https://t.co/sjva931b3u">https://t.co/sjva931b3u</a> <a href="https://t.co/8yfejixd0n">https://t.co/8yfejixd0n</a>	-0.0405	0.9081
5127	@slashdot and so begins the robocalypse ...	-0.1188	0
5128	@worldandscience common myth, but incorrect	-0.1188	0
5129	@erdayastronaut @notericralph @martiandays @torybruno @aerojetrdyne need to deal with thrust asymmetry from flameout of an engine without forcing shutdown of opposing pair engine, which would double thrust loss. also, thrust differential doesn't solve roll control well.	-0.1188	0.1531
5130	@teslatino @erdayastronaut @notericralph @martiandays @torybruno @aerojetrdyne @elon both at the same time!	-0.1188	0
5131	going offline for a few days	-0.2054	0
5132	very likely that a home with clean power that's lower cost than utility, plus blackout protection via powerwall, will have a positive effect on value	-0.2356	0.7579
5133	more carrot, less stick	-0.0700	0
5134	homes with solar sell for 4.1% more, according to zillow <a href="https://t.co/etqgaxdlaf">https://t.co/etqgaxdlaf</a>	-0.0700	0
5135	sending this tweet through space via starlink satellite ✨	-0.0700	0
5136	whoa, it worked!!	-0.0700	0
5137	@tecnocato @tesla coming soon	-0.0700	0
5138	@teslatino please lmk about your experience and what can be improved	-0.0997	0.6597
5139	@teslatino internal camera isn't used yet (meant for robotaxi), but that's a good idea	-0.0997	0.4404
5140	tesla q3 results:  - shanghai giga ahead of schedule - model y ahead of schedule - solar installs +48% from q2 - gaap profitable - positive free cash flow	-0.0739	0.7845
5141	but actually ... <a href="https://t.co/xjnjpqrq2a">https://t.co/xjnjpqrq2a</a>	-0.0739	0
5142	@klauslovgreen sure	-0.0739	0.3182
5143	tesla solar tile roof v3 launch tomorrow at 2pm	0.6104	0
5144	@flcnhv i have v1, but will switch to v3	0.6104	0
5145	@mowo91 @spx_memes @spacex @tesla @renatakonkoly @sara_boutall @kristennetten @erdayastronaut @flcnhv @johnnacrider1 🎉🎉	0.6104	0
5146	@gerberkawasaki @tesla major fud incoming for sure ... haha	0.6104	0.6486
5147	@flcnhv this product may appear simple, but actually *very* difficult to get right	0.6104	-0.3612
5148	to be clear, integrated solar tiles only make financial sense for new houses or replacement roofs. if your roof is more than 5 years away from replacement, solar retrofit is recommended <a href="https://t.co/mdopo17yb9">https://t.co/mdopo17yb9</a>	0.6104	0.5267
5149	@longnow @liv_boeree strange to think that our civilization is only ~5000 years old, if dated from earliest writing. less than the lifespan of a fruit fly, compared to age of earth.	0.6104	-0.2023
5150	💡	0.6104	0
5151	@teslany @spacex gwynne rocks! starlink will probably be a little bumpy at first, but then improve rapidly.	0.6104	0.3862
5152	maybe call tesla solar roof tiles product solarglass? like dragonglass, but solar!	0.6104	0.3612
5153	@harrystoltz1 that would be cool. surfaces that see the sun should be alive with power, not inert!	0.6104	0.5994
5154	@cardoso @erdayastronaut transparent aluminum is a real thing! <a href="https://t.co/hx4xlih1hk">https://t.co/hx4xlih1hk</a>	0.6104	0
5155	srslly <a href="https://t.co/mwipmr84cd">https://t.co/mwipmr84cd</a>	0.6104	0
5156	@tobyliiiiiiiii haha true	0.6104	0.7003
5157	@tesla will start at ~2:15. sorry for slight delay.	-0.1010	-0.3818
5158	tesla solarglass roof <a href="https://t.co/7lw43ml92d">https://t.co/7lw43ml92d</a>	-0.1010	0
5159	@john_s_wilkins yes, wight destruction guaranteed or your money back!	-0.1010	0.4019
5160	@at61_aue @cobalt310 @tesla yes, you can walk on the tesla solarglass roof. in stilettos, if you want 😊 <a href="https://t.co/6wwkjqpmpdr">https://t.co/6wwkjqpmpdr</a>	-0.1010	0.4588
5161	physics facts <a href="https://t.co/z2a6pzokjx">https://t.co/z2a6pzokjx</a>	-0.1010	0
5162	sandwich time travel is the only explanation <a href="https://t.co/m8c98gbcdc">https://t.co/m8c98gbcdc</a>	-0.1010	0
5163	@tesletter thanks to everyone at tesla who worked so hard over the years to make our fremont factory successful!	-0.1010	0.743
5164	took my son to play piano for the seniors home in pasadena. it was lovely to see them smile ❤️	-0.1010	0.7351
5165	@flcnhv <a href="https://t.co/40ntmonr72">https://t.co/40ntmonr72</a>	-0.1010	0
5166	@snazzyq @tesla sure	-0.1010	0.3182
5167	us clean energy incentive drops by 4% on jan 1, so orders must be received by roughly nov 15 to be installed in time	-0.1010	0.743
5168	@teslaownerssv will do what we can for anyplace affected by natural disasters	-0.1010	0.2263
5169	@starshipsara extremely high	-0.1010	0
5170	@flcnhv @teslaownerssv i'd recommend regular solar panels for flat roofs	-0.1010	0.3612

5171	homes with solar sell for 4.1% more, according to zillow. adding a powerwall battery is highly likely to increase home value too imo, as security against blackouts is increasingly important. <a href="https://t.co/3y4m5l50qf">https://t.co/3y4m5l50qf</a>	-0.1010	0.8008
5172	apologies to those waiting for solar/powerwall outside california, as we are prioritizing those affected by wildfires	-0.1010	-0.1531
5173	if you're directly affected by wildfire power outages, tesla is reducing solar+powerwall prices by \$1000 as of today	-0.1010	-0.1531
5174	we don't make much money on this product, so \$1000 actually means a lot	-0.1010	0
5175	unfortunately, it's hard to google tesla solar links due to tons of ads & seo. go to <a href="https://t.co/uvqa8joe7v">https://t.co/uvqa8joe7v</a> to add solar to an existing roof & <a href="https://t.co/d9yuul7nve">https://t.co/d9yuul7nve</a> for a new roof with integrated solar.	-0.1010	-0.4215
5176	@realdiegomonroy i hate advertising	-0.1010	-0.5719
5177	@kylegrantham very true. glass doesn't burn & melting point is extremely high, so much more resilient than asphalt or wood roofs.	-0.1871	0.4215
5178	@jon4lakers @tesla we're changing this from storm watch to disaster watch to cover fires, earthquakes, etc	-0.1871	-0.6249
5179	@jason @kylegrantham making a roof out of kindling in a fire risk zone is not recommended	-0.1871	-0.4019
5180	@mkbhd @mrbeastyt ok, sounds legit, will donate 1m trees	-0.0597	0.296
5181	for treebeard	-0.0597	0
5182	"i always like going south; somehow, it feels like going downhill."	-0.0597	0.6124
5183	@teslaownerssv if you have autonav enabled, car will automatically navigate either to address in calendar, to work if you're home & to home if at work. not sure if that's in wide release yet, but def in early access. it's an awesome feature.	-0.0597	0.7506
5184	@renatakonkoly @mrbeastyt @mkbhd true, my name literally means tree	-0.0597	0.4215
5185	@themuskbroz @teslaownerssv that's significantly improved in current production	-0.0597	0.4767
5186	soon, spacex will launch @nasa astronauts to @space_station! <a href="https://t.co/way5mnqnei">https://t.co/way5mnqnei</a>	-0.0597	0
5187	@johnkrausphotos @nasa @space_station hard to say with high accuracy, but 4 to 6 weeks is my best guess	-0.0597	0.5859
5188	@teslastars @tesla ...	-0.0597	0
5189	@nutaiie haha true	-0.0597	0.7003
5190	@flcnhv the fires are all too real	-0.0597	0
5191	@tobi @chris_lu @markrober @mrbeastyt congrats! shopify is great btw. nice work.	-0.0597	0.8834
5192	thank for helping grow sustainable energy through solar! <a href="https://t.co/zh08amhvmj">https://t.co/zh08amhvmj</a>	-0.0597	0.7003
5193	@teslany walking on a tesla solarglass roof is definitely no problem!	-0.0640	0
5194	@teslarati drag race times analysis is correct. also, there's a software upgrade for model s coming out that increases peak power by 50hp, so model s should beat porsche taycan turbo s by a wider margin in 0 to 60 & 1/4 mile races.	-0.0640	-0.2263
5195	@stephenpallotta @teslarati sorry, drag times is correct, top gear is wrong	-0.0640	-0.5423
5196	tesla solarglass vs 🎃 happy halloween!! <a href="https://t.co/p5txejyqne">https://t.co/p5txejyqne</a>	-0.1713	0.5719
5197	@teslarati putting model s in range mode is the opposite of launch mode, as it minimizes performance in favor of range. show should be called "low gear"!	-0.1713	-0.1531
5198	great work by spacex dragon team & airborne! to be clear, we've only done 1 multi-parachute test of mk3 design, so 9 more left to reach 10 successful tests in a row. <a href="https://t.co/q814zvow4s">https://t.co/q814zvow4s</a>	-0.1572	0.891
5199	@flcnhv great poem	-0.1572	0.6249
5200	@tj_cooney wow, 2011 seems like eons ago! with fairing recovery, falcon is ~80% reusable, but reflight takes several days & requires boats. starship will be fully reusable with booster reflight possible every few hours & ship reflight every 8 hours. no boats needed.	-0.1572	0.743
5201	@tj_cooney that said, most starship spaceports will probably need to be ~20 miles / 30km offshore for acceptable noise levels, especially for frequent daily flights, as would occur for point to point flights on earth	-0.1572	0.3182
5202	@rafaelcr @ofwudan would be odd to expect anything else	-0.1572	-0.3182
5203	@bob_burrough yes	-0.1572	0.4019
5204	@cleantechica more to come	-0.1572	0
5205	@teslarati connected, autonomous cars require great software. advanced factories also require great software. the car industry is not very good at software.	-0.1572	0.9201
5206	@justpaulinelol @teslarati naturally	0.0842	0
5207	@fredericclambert @teslarati the audience of entrepreneurs should try it, not the af	0.0842	0
5208	@ryanthe3nerd @teslarati yes	0.0842	0.4019
5209	@uhaveanygrapes @teslarati looking into it	0.0842	0
5210	cybertruck unveil on nov 21 in la near spacex rocket factory	0.0842	0
5211	the date is strangely familiar ... <a href="https://t.co/yzl5r1pojl">https://t.co/yzl5r1pojl</a>	0.0842	0

5212	@bensullins yes	0.0842	0.4019
5213	extremism is so fun! (@waitbutwhy) <a href="https://t.co/ecacsqaqxsr">https://t.co/ecacsqaqxsr</a>	0.0314	0.5106
5214	@cleantechnica true	0.0314	0.4215
5215	@cleantechnica gas/diesel cars too	0.0314	0
5216	@flcnhv the economics have to be something like that to build a self-sustaining city on mars	0.0314	0.3612
5217	@flcnhv payload to orbit per year of starship fleet is most mind-blowing metric, as it's designed to fly 3x per day, which is ~1000x per year	0.0314	0
5218	@flcnhv if we build as many starships as falcons, so ~100 vehicles & each does 100 tons to orbit, that's a capacity of 10 million tons of payload to orbit per year	-0.0494	0
5219	@flcnhv current global payload to orbit capacity is about 500 tons per year, of which falcon is about half	-0.0494	0
5220	@malcolmmarsman @flcnhv no problem. we could program starship to perform swan lake in the sky. minimizing landing burn propellant mass is what's hard.	-0.0494	-0.4767
5221	@teslaownerssv @flcnhv a thousand ships will be needed to create a sustainable mars city	-0.0494	0.2732
5222	@teslaownerssv @flcnhv as the planets align only once every two years	-0.0494	0
5223	@teslaownerssv @flcnhv so it will take about 20 years to transfer a million tons to mars base alpha, which is hopefully enough to make it sustainable	-0.0494	0.4019
5224	@teslaownerssv @flcnhv no, in the beginning, assuming you even make it there alive, mars will be far more dangerous & difficult than earth & take decades of hard labor to make self-sufficient. that's the sales pitch. want to go?	-0.0494	-0.4767
5225	@leo_cadle @teslaownerssv @flcnhv exactly! it's also a far more exciting & inspiring future if consciousness is out there among the stars, than forever confined to earth until some eventual extinction event, however far in the future that may be (hopefully, very far).	-0.0494	0.8271
5226	@jchybow @teslaownerssv @flcnhv pretty much	-0.0494	0.4939
5227	@bluemondance74 @flcnhv raptor is evolving rapidly. probably wouldn't consider it to be even v1.0 until roughly engine 50, although probably engines 12+ can be retrofitted for orbital flight, especially on super heavy, which is less sensitive to engine variation. it just needs crazy up force!	-0.0494	0.4201
5228	@bluemondance74 @flcnhv spacex engine production is gearing up to build about a raptor a day by next year, so up to 365 engines per year. most will be the (as high as) 300 ton thrust (but no throttle & no gimbal) variant for super heavy. cumulative thrust/year could thus be as high as 100,000 tons/year.	-0.0494	0.5994
5229	@bluemondance74 @flcnhv deleting throttle allows the engine to achieve max thrust on max thrust variant. other variants will have throttle.	-0.0494	0
5230	@stephenjudkins @flcnhv yes	-0.0494	0.4019
5231	@zerohedge 📈 <a href="https://t.co/w0bkngbvq1">https://t.co/w0bkngbvq1</a>	-0.0494	0
5232	@robgmacfarlane @nybooks @emilyraboteau same goes for digital super intelligence denial	-0.0815	0.7906
5233	@lexfridman bad logic is always ugly	-0.0815	-0.5423
5234	@sciguysspace @yokem55 @waynehale without a fully & rapidly reusable orbital rocket, humanity will never be a multiplanet species	-0.0815	0
5235	@flcnhv @sciguysspace @yokem55 @waynehale exactly	-0.0815	0
5236	@getjeda @tesla haha	-0.0815	0.4588
5237	@xtrrmax @getjeda @tesla yes	-0.0815	0.4019
5238	starlink vertical on the pad <a href="https://t.co/wuib1pikck">https://t.co/wuib1pikck</a>	-0.0815	0
5239	@kenhowery congratulations!	-0.0435	0.5994
5240	♥️ ♥️ ♥️ giga berlin ♥️ ♥️	-0.2800	0
5241	will build batteries, powertrains & vehicles, starting with model y	-0.2800	0
5242	congrats to tesla team on model 3 winning best midsize car in germany! DEDEDE <a href="https://t.co/4cdtf4c3ec">https://t.co/4cdtf4c3ec</a>	-0.2800	0.9001
5243	@brandonbernick yeah, makes sense	-0.2800	0.296
5244	@atlasobscura fomo 4 yolo	-0.0391	0
5245	@matt_b730 @id_aa_carmack f8 ❤️ irony	-0.0391	-0.0516
5246	@flcnhv @v_g_fischer @tesla it was tacheles	-0.0391	0
5247	gentrify mordor?	-0.0391	0
5248	@crowarrior1978 we fought the balrog last year	-0.0391	-0.3182
5249	@flcnhv @neuralink right now, trajectory of neuro-silicon symbiosis doesn't appear to intersect trajectory of agi. goal of neuralink is to raise this probability above 0.0%.	-0.0391	0
5250	@davidtrover seems likely. 🙄🙄 = hipsters.	-0.0391	0
5251	@fael097 @davidtrover semi-infinite	-0.0391	0
5252	@cleantechnica true	-0.0391	0.4215
5253	@arstechnica @sciguysspace this doesn't seem right	-0.0741	0
5254	@arstechnica @sciguysspace meaning not fair that boeing gets so much more for the same thing	-0.0741	0.3182
5255	innovation comes in many ways <a href="https://t.co/3plylbd1ez">https://t.co/3plylbd1ez</a>	-0.0741	0.3818

5256	cybertruck unveil thursday night https://t.co/ahbxaubdho	-0.1628	0
5257	@cleantechnica surprisingly common	-0.1628	0.296
5258	@flcnhvy exactly! well said.	-0.1628	0.2732
5259	@ford congratulations on the mach e! sustainable/electric cars are the future!! excited to see this announcement from ford, as it will encourage other carmakers to go electric too.	-0.1628	0.8625
5260	@farrxy @ford i'd be way too embarrassed to put that on a tesla. it's like a kid's drawing.	-0.1628	0.3612
5261	@kristennetten @farrxy @ford guess i was obsessed with space from an early age. fair point.	-0.1628	0.3182
5262	@teslarati even toyota, who made the prius. that is sad.	-0.1628	-0.4767
5263	@teslaownerssv @teslarati not sure. maybe write or message carmakers who oppose the environmental initiative?	-0.1628	0.3182
5264	@universal_sci true	0.0500	0.4215
5265	@justpaulinelol @universal_sci it certainly does	0.0500	0.34
5266	@mrclipsmaniac cephalopods have a strange intelligence	0.0500	0.3182
5267	@slashdot the china space industry is very impressive	0.0500	0.5106
5268	78% of people want to gentrify mordor	0.0500	0.0772
5269	<a href="https://t.co/lvcnlztkpa">https://t.co/lvcnlztkpa</a>	0.0500	0
5270	national science foundation, u should add a w to ur name. would get way more clicks. ur welcome.	0.0500	0.4588
5271	@supazt @erdayastronaut that would be cool	0.0500	0.3182
5272	@lexfridman @nsf gravitas is overrated https://t.co/4mdtebfeyj	-0.2560	0
5273	@teslatedested so many reporters gave chanos airtime when he called tesla a worthless fraud. now that he has been proven wrong, silence ...	-0.2560	-0.4767
5274	@mkbhd maybe won't need a key at all	-0.0984	0
5275	@erdayastronaut @spacex absolutely, but to move to mk3 design. this had some value as a manufacturing pathfinder, but flight design is quite different.	-0.0984	0.34
5276	tonight https://t.co/pvav4v1h8b	-0.0984	0
5277	long journey	-0.0984	0
5278	@willfealey @tesla fun party guaranteed!	-0.2512	0.7184
5279	@ward069 of course	-0.2512	0
5280	tesla cybertruck (pressurized edition) will be official truck of mars	-0.2512	0.0258
5281	@elenmatvievskaya @tesla coming soon! we're working to complete the full supercharger route from london to shanghai.	-0.2512	0
5282	@dmc_ryan high time we had a tesla coil!	-0.2512	0
5283	@tesla_addicted @dmc_ryan haha	-0.2512	0.4588
5284	@qrypton yup	-0.2512	0
5285	nobody *expects* the cybertruck https://t.co/khhynfavks	-0.2512	0
5286	@cyberpunkgame see ya in 2077 😊	-0.2512	0
5287	@moesargi tesla 2 person electric atv will come at first as an option for cybertruck	-0.2512	0
5288	@jrussell614 will be an option to add solar power that generates 15 miles per day, possibly more. would love this to be self-powered. adding fold out solar wings would generate 30 to 40 miles per day. avg miles per day in us is 30.	-0.2512	0.6369
5289	@mithunoorath @tesla yes	-0.2512	0.4019
5290	better truck than an f-150, faster than a porsche 911. order cybertruck online at https://t.co/hltt8dg2no	-0.2669	0.4404
5291	♥️♥️♥️ syd mead ♥️♥️♥️ https://t.co/8nbd5lraqj	-0.2669	0
5292	franz throws steel ball at cybertruck window right before launch. guess we have some improvements to make before production haha. https://t.co/eb0o4tlpoz	-0.2669	0.6486
5293	@supersaf @tesla sure	-0.2669	0.3182
5294	riding in the cybertruck https://t.co/a4ddkbkgmb	-0.2669	0
5295	@carkuwu armored personnel carrier (apc)	-0.2669	0
5296	@cleantechnica 🎉🎉	-0.2669	0
5297	@pewdiepie gonna have some sick attachments	-0.2669	-0.5106
5298	@generationpls @pewdiepie that would be cool	-0.2669	0.3182
5299	@cleantechnica great analysis	-0.2669	0.6249
5300	146k cybertruck orders so far, with 42% choosing dual, 41% tri & 17% single motor	-0.2669	0
5301	@revitalize haha v true	-0.2669	0.7003
5302	excellent review by marques! https://t.co/raxll30fff	-0.2669	0.5719
5303	reason cybertruck is so planar is that you can't stamp ultra-hard 30x steel, because it breaks the stamping press	-0.2669	-0.1027
5304	even bending it requires a deep score on inside of bend, which is how the prototype was made	-0.2669	0
5305	@flcnhvy starship steel decision came first. we were going to use titanium skins for cybertruck, but cold-rolled 30x stainless is much stronger.	-0.2669	0.3818
5306	@annerajb @flcnhvy we're creating this alloy at tesla. not a problem to create a lot of it, but we'll need to come up with new body manufacturing methods, as it can't be made using standard methods.	-0.2669	0.1531

5307	X study the blade!! X https://t.co/cvuw1tmcji	-0.2669	0
5308	@vicentes haha true! new manufacturing methods are certainly needed, but then i'm confident it will actually cost less, because of its simplicity & lower part count.	-0.2669	0.8578
5309	@vicentes hardcore body engineers will understand this at a profound level	-0.2669	0
5310	@erdayastronaut really? ok sure.	-0.2669	0.6214
5311	@renatakonkoly 🎉	-0.2669	0
5312	@evanthefreeman @coinstorageguru true	-0.2669	0.4215
5313	@vistacruiser7 @renatakonkoly interesting idea	-0.2669	0.4019
5314	@s_padival @annerajb @flcnhv long term, it probably makes sense to build a smaller cybertruck too	-0.2669	0
5315	@ev_steeve @picklepunchd the body panels will actually be laser cut!	-0.2669	-0.2732
5316	@johnnacrider1 @ev_steeve @picklepunchd can be wrapped in any color!	-0.2669	0
5317	@thomasbroadfoot good question. it's a new variant of 300 series stainless steel, but it also gets cold-worked many times, depending on kilotonnage of press.	-0.2669	0.4404
5318	cybertruck is our last product unveil for a while, but there will be some (mostly) unexpected technology announcements next year	-0.2669	0
5319	@sofiaan @tesla we should def make it good to hang out there	-0.2669	0.4404
5320	@teslaownersofma @sofiaan @tesla in general, this is something tesla should do	-0.2669	0
5321	@greenspank higher hardness, higher strength & doesn't cost crazy money for ~3mm skins	-0.2669	0.2023
5322	cybertruck pulls f-150 uphill https://t.co/ofaqukrdi3	-0.2669	0
5323	@rodadib1 yup. sledgehammer impact on door cracked base of glass, which is why steel ball didn't bounce off. should have done steel ball on window, *then* sledgehammer the door. next time ...	-0.2669	0
5324	200k	-0.2669	0
5325	@halo @pewdiepie cybertruck is inspired by games like halo. warthog irl!!!	-0.2669	0.6908
5326	bring it on https://t.co/pcnl1ndro	-0.2373	0
5327	@neiltyson electric motors also have insane torque. if we load both trucks to the max, electric still wins. physics is the law, everything else is a recommendation.	-0.2373	0.25
5328	@neiltyson agreed, this will be exciting to see!	-0.2373	0.6486
5329	@kimpaquette @neiltyson sure, will aim to do this next week	-0.2373	0.3182
5330	250k	-0.1011	0
5331	@jpthor__ @rodadib1 yes, cybertruck will have steel balls 🎉	-0.1011	0.4019
5332	@theseanbooker def not dainty	-0.1011	0
5333	@renatakonkoly @tesla @teslarati @insideevs 🎉	-0.1011	0
5334	@thewalkingdead @tesla the finest in apocalypse protection technology! flamethrower optional.	-0.1011	0
5335	this one is deep. happy thanksgiving! https://t.co/2dog5hbxjx	-0.1011	0.5719
5336	@ruttenpete @deviantart @thebakarts just because he has a flamethrower and i have a flamethrower doesn't mean ... um ... ok fine i'm hank scorpio	-0.1011	0.4588
5337	@hardmaru @tesla touché	-0.1294	0
5338	@intengineering with extreme effort, cybertruck might hit a 0.30 drag coefficient, which would be insane for a truck. requires tweaking many small details. https://t.co/imljbsinmq	0.0116	-0.5574
5339	@zackbornstein it's a generational thing	0.0116	0
5340	@sivarajkumar237 @zackbornstein @theonion they are dead to me	0.0116	-0.6486
5341	@indiealexh @es2120 @tesla @woodhaus2 safety work is done by engineering, with passive safety by body/chassis eng & active by autopilot. design in automotive refers to look & feel.	0.0116	0.8442
5342	@teslaforlife @tesla @ramtrucks @ford laminar air flow due to a completely smooth bottom is underappreciated	0.0116	0
5343	do you like our owl? https://t.co/4fnov3n5b	0.0116	0.3612
5344	it's artificial	0.0116	0
5345	@royalsociety tesla was almost called faraday, as original holder of tesla motors trademark refused to sell it to us!	0.0116	-0.0422
5346	@brandonsorelli still can't believe how hard it was to get https://t.co/46txqrrsdr!	0.0116	-0.1027
5347	hydrogen is a light, odorless gas, which, given enough time, turns into people who will make this statement	0.0116	0
5348	people often think they're breathing oxygen, but are actually breathing nitrogen (78%) with a side serving of oxygen (21%) in argon sauce (1%), spiced up with co2, h2o & a dash of neon & krypton (etc.)	-0.0293	0
5349	@willne 🌟	-0.0293	0
5350	@tonytassell @urbandirt @naumanbilly bravo, right thing to do! short selling should be illegal.	-0.0293	-0.5574
5351	@ragnvaldr1 yes	-0.0293	0.4019
5352	launching third flight of this dragon spacecraft to @space_station tomorrow https://t.co/mtq2drws97	-0.2025	0

5353	@neiltyson if we create a city on mars, earth-mars travel will be a powerful forcing function for inventing something like warp drive	-0.0435	0.7506
5354	@vicentes @neiltyson for sure	-0.0435	0.3182
5355	super strong roof that generates clean energy, looks great & costs less than a normal roof plus solar panels! <a href="https://t.co/d9yuul7nve">https://t.co/d9yuul7nve</a> <a href="https://t.co/sv4jhaxcox">https://t.co/sv4jhaxcox</a>	-0.0435	0.9442
5356	@joewbowles @billgates he's def wrong. solar power is a gigawatt per square km! all you need is a 100 by 100 mile patch in a deserted corner of arizona, texas or utah (or anywhere) to more than power the entire usa. this analysis goes through calcs <a href="https://t.co/fi1i452tm6">https://t.co/fi1i452tm6</a>	-0.0435	-0.4767
5357	speed solves everything <a href="https://t.co/dgylfyinxl">https://t.co/dgylfyinxl</a>	-0.0435	0.2732
5358	@everman @teslarati @tesla_raj true, more for parking at destination. really needs to fit in same external envelope as a full-size suv, but with better height control with air suspension, so it can fit in low clearance parking garages.	-0.0435	0.8464
5359	@flcnhvy @teslarati @tesla_raj that will require a full redesign, but probably ~73 inches or ~185 cm width	-0.0435	0
5360	@real_john_d @teslarati @tesla_raj there will be no loss of either	-0.0435	-0.3182
5361	@kristennetten this may sound crazy, but asking real people what they'd like in a product is a great way to meet their needs	-0.0435	0.6369
5362	@kristennetten your twitter comments are great btw!	-0.0435	0.6249
5363	@teslaownerssv we'll aim to have it come out same time as truck. two seater electric atv designed to work with cybertruck will be fun! electric dirt bikes would be cool too. we won't do road bikes, as too dangerous. i was hit by a truck & almost died on one when i was 17.	-0.0435	-0.4951
5364	@ncbirhan @erdayastronaut yeah, it's one of my favorite t-shirts!	0.0782	0.6369
5365	@memesofmars @latimes @latimesfood @latimesbooks @latimesphotos @alex_avoigt @janeidyeve @sara_boutall @rationaletienne @icannot_enough @laurenrow5 just wish russ mitchell would improve the *quality* of his fiction. is this too much to ask!?	0.0782	0.6808
5366	@justpaulinelol maybe on starship? it's def got the payload capacity ...	0.0782	0
5367	@mayemusk couldn't afford to pay for repairs, so i fixed almost everything on that car from parts in the junkyard. ironically, that's me replacing broken side window glass. the circle is complete lol.	-0.0884	-0.1779
5368	@v_g_fischer @mayemusk yeah, 1978 320i that i bought in '93 for \$1400. i hotrodded it by jamming in a 5 speed transmission from a later model i found in a philly junkyard when the 4 speed transmission failed.	-0.0884	-0.2732
5369	@renatakonkoly @mayemusk they smashed the window to steal the radio, which was worth maybe \$20. got a replacement from junkyard. btw, great deals available from junkyards! it's pretty fun fixing/upgrading cars.	-0.0884	0.8519
5370	@jason @mayemusk it really does	-0.0884	0
5371	@_mkavin_ @mayemusk that's the one!	-0.0884	0
5372	kids these days have no respect! <a href="https://t.co/lfjtjnqlq">https://t.co/lfjtjnqlq</a>	-0.0108	0.4767
5373	math jokes have a small audience	-0.0108	0.25
5374	<a href="https://t.co/7pkb9nilq8">https://t.co/7pkb9nilq8</a>	-0.0108	0
5375	root of energy to mass ratio is max render speed of the simulation	-0.0108	0.2732
5376	@andrewmcarney @tesla sure	-0.0108	0.3182
5377	if life is a video game, the graphics are great, but the plot is confusing & the tutorial is way too long	-0.0108	0.4939
5378	@teslatruckclub of course	-0.0108	0
5379	@braddock512 seriously, the npc dialog tree should have more options	-0.0108	-0.1779
5380	@4thfromourstar your dlc is\$\$\$\$	-0.0108	0
5381	meant to say "is render speed". frame rate is locked.	-0.0108	0
5382	@ppathole plausible	-0.0108	0
5383	smol □ puppy □ math <a href="https://t.co/bmpuurybpv">https://t.co/bmpuurybpv</a>	-0.0108	0
5384	@blaine30c blame minecraft	-0.0108	-0.34
5385	games only render what you look at when you look at it, as the compute load would otherwise be impossibly high. until observed, objects are a probability function, aka quantum mechanics. <a href="https://t.co/lbi7drnm9f">https://t.co/lbi7drnm9f</a>	-0.1562	0
5386	@flcnhvy we are literally a brain in a vat. the vat is your skull. everything you think is real is an electrical signal. feels so real though.	-0.1562	0
5387	baby yoda ❤ <a href="https://t.co/jpqvcccb9">https://t.co/jpqvcccb9</a>	-0.1562	0
5388	@nakamura193 nice to meet you	-0.1562	0.4215
5389	@skorusark crossing s-curves standard for tech transitions	0.2612	0
5390	@skorusark this is how we will view fossil fuel cars	0.2612	0
5391	@thugsandmiracle @tfspeakcies @dearhistorians @deepintohistory @hellenisticpod @trueconsprod @iwbpodcast @coffinCAST @cachehistory @ageofvictoria @foryourrefpod @wwipodcast @namelessdeadpod @zombiefishbowl @ageofnapoleon age of napoleon is excellent	0.2612	0.5719

5392	@bluemoondance/4 @thugsandmiracle @ttspeakcies @dearhistorians @deepintohistory @hellenisticpod @trueconspod @iwbpodcast @coffinCAST @cachehistory @ageofvictoria @foryourrefpod @wwipodcast @namelessdeadpod @zombiefishbowl @ageofnapoleon raptor is making great progress! just finished an engineering review with spacex propulsion. engine sn 17 is about to ship to mcgregor with some holiday style ⚠️ 😊 <a href="https://t.co/3jniyxy9h0">https://t.co/3jniyxy9h0</a>	0.2612	0.8625
5393	<a href="https://t.co/aaefph9g6d">https://t.co/aaefph9g6d</a>	0.2612	0
5394	<a href="https://t.co/lxzamzicis">https://t.co/lxzamzicis</a>	0.2612	0
5395	@kristennetten yes	0.2612	0.4019
5396	@flcnhvY @kristennetten possibly excesssion, but i'd recommend reading player of games & surface detail first. they're all great.	0.2612	0.765
5397	@spacex sigh ...	-0.1047	0.0258
5398	@spacex telemetry indicates soft touchdown on the water, so fairing might still be reusable	-0.1047	0
5399	@alexsbila @tesla some good ideas here!	0.1256	0.4404
5400	@acevedo_lex @alexsbila @tesla yes, probably & partially	0.1256	0.4019
5401	never trust cynics, as they excuse their own bad deeds by telling themselves everyone does it	0.0137	-0.0191
5402	@tesletter @teslaownerssv i think we can improve that with a little software optimization	0.0137	0.6395
5403	@master_ov @tesletter @teslaownerssv yes, just costs a few thousand dollars & is more complex than a board swap. bunch of connectors & antennas need to change. we can improve the speed a little with software optimization, which might be enough.	0.0137	0.7859
5404	tesla moth mode (better late than never) <a href="https://t.co/rcu87a8nko">https://t.co/rcu87a8nko</a>	0.0137	0.4404
5405	@garythebot2 lämppe	0.0137	0
5406	@teslainventory @teslaownerssv this is quite a thorny hardware problem, as there are many diff versions of mcu & autopilot computer & supporting hardware. cars last so much longer than phones! hopefully able to upgrade mcu1 & ap2.0 in a few months.	0.0137	0.3862
5407	@kingripplexrp cinnamon toast crunch	0.0137	0
5408	@oxfordteddy @teslainventory @teslaownerssv no, as that's og mobileye hardware	0.0137	0
5409	you don't hear much about element 43	0.0137	0
5410	tesla holiday software update has fsd sneak preview, stardew valley, lost backgammon & a few other things	-0.1849	0.1027
5411	@sofiaan @thirdrowtesla needs a few more days of validation, then early access, then wide release	-0.1849	0
5412	@wonderofscience @naturemuseum does it like the smiths? <a href="https://t.co/kwbx1uqsbo">https://t.co/kwbx1uqsbo</a>	-0.1849	0.3612
5413	@erdayastronaut @nasa @boeingspace for sure! 🎉	0.0218	0.3182
5414	@spaceforcedod starfleet begins	0.0218	0
5415	@engineers_feed i try so hard with these jokes!	0.0218	0.1531
5416	@flcnhvY @engineers_feed it's been years	0.0218	0
5417	@djavenue ok	0.0218	0.296
5418	@teslaownerssv yes	0.0218	0.4019
5419	@risiblevolatile ok	0.0218	0.296
5420	@dealer_of_happy @tesla we're working on moving more cars to florida. end of year delivery is intense! very proud of tesla team for all their hard work.	0.0218	0.4588
5421	holiday gift ideas <a href="https://t.co/ubbofvkyai">https://t.co/ubbofvkyai</a>	0.0218	0.4019
5422	great show 🎉 <a href="https://t.co/12rguhhpgz">https://t.co/12rguhhpgz</a>	0.0218	0.6249
5423	@lukemiler @jon_favreau for sure	0.0218	0.3182
5424	@cleantechnica "in-house" 🎉 🎉	0.0218	0
5425	@rationaletienne @cleantechnica that's certainly our impression, but it's an old version of tesla software, so effect is limited	0.0218	0.34
5426	@newscientist another milestone	0.0218	0
5427	pre vfx cut would be \$\$\$	0.0218	-0.2732
5428	just looked at my wiki for 1st time in years. it's insane! btw, can someone please delete "investor". i do basically zero investing.	0.0218	-0.1027
5429	if tesla & spacex go bankrupt, so will i. as it should be.	0.0218	-0.5574
5430	@technologicali started zip2 with ~\$2k & ~\$100k of student debt, rolled proceeds into x/paypal, rolled proceeds again into spacex/tesla, but these are all companies where i played fundamental founding role. not right to ask others to put in money if i don't put in mine.	0.0218	-0.0258
5431	@renatakonkoly yes 🎉 ❤️	0.0218	0.4019
5432	@cgpgrey my wiki is a war zone with a zillion edits. at least it's obviously not curated! some day, i should probably write what *my* fictionalized version of reality is 🎉 🎉	0.0218	-0.5994
5433	@marialauraadr @teslaownerssv @cgpgrey unfortunately, this has been necessary for many years, but hopefully not forever	0.0218	0.0772
5434	@ev_steevee @teslaownerssv @cgpgrey sorry for the delay on v2.x! we just couldn't get it all done in time.	0.0218	-0.3818
5435	@flcnhvY @cgpgrey @thirdrowtesla ok sure	0.0218	0.5423

5436	@ev_steeve @teslaownerssv @cpgrey pretty much, although if there was a way to spend money to solve software problems sooner, i'd love it. the real constraint is finding great software engineers.	0.0218	0.891
5437	@teslaownerssv @cpgrey regarding 2.x to 3 hardware update, that should happen in earnest in q1. software feature delta was zero until now, so not much point in doing it before then.	0.0218	0
5438	@youfoundalec @ev_steeve @teslaownerssv @cpgrey yes	0.0218	0.4019
5439	@reecethesaxman @youfoundalec @ev_steeve @teslaownerssv @cpgrey write games	0.0218	0
5440	@renatakonkoly also fake soundcloud rapper	0.0218	-0.4767
5441	@nichegamer henry cavill +1	0.0218	0
5442	@rationaletienne @renatakonkoly don't wanna brag but ... 🚗 was me	0.0218	0
5443	@mikensbg @flcnhv ok 😊	0.0218	0.296
5444	@therealcliffyb @tesla good point	0.0218	0.4404
5445	@rationaletienne @aufrana @cleantechnica wow, accurate analysis!	0.0218	0.5859
5446	@therealcliffyb @tesla @spacex truth	0.0218	0.3182
5447	@annerajb @rationaletienne @aufrana @cleantechnica big communication penalty for remote work, which means the gain in talent that won't move has to be very high	0.0218	-0.0516
5448	@markets 🎯	0.0218	0
5449	whoa ... the stock is so high lol	0.0218	0.4215
5450	stock art <a href="https://t.co/hswnk68ov">https://t.co/hswnk68ov</a>	0.0106	0
5451	@royalsociety he was awesome. i squared r heating is why room temp superconductors aren't needed to carry power long distances efficiently. just jack up voltage.	0.0106	0.7783
5452	@erdayastronaut @tesla yes	0.0106	0.4019
5453	@teslaownersofma @tesla @disneyplus @bensullins coming soon	-0.0551	0
5454	@teslaownerssv @tesla_unplugged @teslaownersofma @tesla @disneyplus @bensullins no	-0.0551	0
5455	@jamescharles that is odd. try pressing both scroll wheel buttons to reboot. have forwarded this to service.	-0.0551	-0.3182
5456	@teslaownerssv @tesla_unplugged @teslaownersofma @tesla @disneyplus @bensullins car should autonavigate to destinations based on your calendar. if nothing in calendar, should do work in morning & home in evening. future versions will guess based on prior patterns (if preference enabled).	-0.0551	0
5457	@jamescharles yer welcome son	-0.0551	0.4588
5458	@teslaownerssv @tesla_unplugged @teslaownersofma @tesla @disneyplus @bensullins merry christmas 🎄 🎁 😊 hope you're enjoying latest software update!	-0.0551	0.7506
5459	@teslatino @teslaownerssv @tesla_unplugged @teslaownersofma @tesla @disneyplus @bensullins if you enter a longer distance than range, system should autonav to optimal superchargers along the way. is it not doing this correctly?	-0.0551	0.3612
5460	just swipe down on tesla nav button for car to automatically navigate to home, work or destination in calendar	-0.0551	0
5461	@erdayastronaut most people still don't know it's there	-0.0551	0
5462	@erdayastronaut phone notification with ability to view possibly relevant still images is no problem. live video from several cameras is too much bandwidth.	-0.0551	-0.1027
5463	@mobiledavidd we're building out superchargers as fast as possible! need to ramp v3 supercharger production.	-0.0551	0
5464	@jeremygreenlee @mobiledavidd seeing b pillar (diagonal fwd) & side repeater (diagonal back) camera views would probably help for tight situations. we can enable access to these views. also, no problem to have option to disable auto lock for home.	-0.0551	0
5465	@sofiaan @erdayastronaut possible, but one step at a time. anything we release to the fleet has big implications these days. for example, if someone's on data roaming & video is enabled, they will get a giant cell phone bill. operating in 40+ countries results in many corner cases!	-0.0551	0
5466	turn on auto navigate feature & car will activate traffic-based navigation to work, home or calendar, depending on context, as soon as you sit down. no input required at all.	-0.0551	0
5467	@kristennetten future feature	-0.0551	0
5468	@flcnhv @sofiaan @erdayastronaut it's not that these things can't be done, they just absorb a lot of software engineering time, which has great opportunity cost. there are very few excellent software engineers & merely increasing team size results in awful bloatware.	-0.0551	0.8225
5469	@flcnhv @sofiaan @erdayastronaut the overarching goal of tesla engineering is maximize area under user happiness curve	-0.0551	0.5574
5470	@teslarati activating engine two ...	-0.1790	0
5471	@gutgutm3 @jamescharles ok	-0.1790	0.296
5472	@discovermag please stop spamming bleak links into a paywall	-0.1790	0.0258
5473	was up all night with spacex team working on starship tank dome production (most difficult part of primary structure). dawn arrives ... <a href="https://t.co/szydsyuyou">https://t.co/szydsyuyou</a>	-0.1790	-0.3612

5474	@janeidyeve we're now building flight design of starship sn1, but each sn will have at least minor improvements, at least through sn20 or so of starship v1.0.	-0.3347	0.3182
5475	@janeidyeve flight is hopefully 2 to 3 months away	-0.3347	0.4019
5476	build super safe, earthquake-proof tunnels under cities to solve traffic	-0.3347	0.8225
5477	@salo4201 that would be a fringe benefit 🚧🚧	-0.3347	0.4588
5478	@teslaownerssv done by dawn	-0.3347	0
5479	these would be road tunnels for zero emissions vehicles only — no toxic fumes is the key. really, just an underground road, but limited to evs (from all auto companies). this is not in place of other solutions, eg light rail, but supplemental to them.	-0.3347	-0.1189
5480	@flcnhvny no, he's still much faster 🚧	-0.3347	0
5481	@teslaownerssv @benioff boring co is completing its first commercial tunnel in vegas, going from convention center to strip, then will work on other projects	-0.3347	-0.3182
5482	@erdayastronaut @teslaownerssv @benioff hopefully fully operational in 2020	-0.3347	0.4019
5483	@theassassin_95 yes, but it's too secret	-0.3347	0.4019
5484	@waitbutwhy @kurz_gesagt maximizing conversion of mass to aimed photons (pure momentum) is actually the highest possible efficiency, which is why an antimatter drive is probably the best way to get to other star systems with known physics. for "close" stars, a laser sail is good too.	-0.3347	0.8625
5485	@annerajb hopefully working in caribbean by end of 2020. def by 2021.	-0.3347	0.4019
5486	@justpaulinelol @annerajb probably 2021. depends on regulatory approvals.	-0.3347	0
5487	@annerajb @justpaulinelol federal	-0.3347	0
5488	@geofficient pretty much	-0.3347	0.4939
5489	@tjq1190 @tyger_cyber @fawfulfan @_mikemo he didn't own an emerald mine & i worked my way through college, ending up ~\$100k in student debt. i couldn't even afford a 2nd pc at zip2, so programmed at night & website only worked during day. where is this bs coming from?	-0.3347	-0.3612
5490	@irinaantony @tjq1190 @tyger_cyber @fawfulfan @_mikemo we started zip2 with ~\$2k from me plus my overclocked home-built pc, ~\$5k from my bro & ~\$8k from greg kouri (such a good guy — he is greatly missed).		
	my dad provided 10% of a ~\$200k angel funding round much later, but by then risk was reduced & round would've happened anyway.	-0.3347	-0.1761
5491	@austinbarnard45 @tjq1190 @tyger_cyber @fawfulfan @_mikemo this person blocked me, so can't read the tweet. what's their deal?	-0.3347	0
5492	@joe_wakefield @austinbarnard45 @tjq1190 @tyger_cyber @fawfulfan @_mikemo this is a pretty awful lie. i left south africa by myself when i was 17 with just a backpack & suitcase of books. worked on my mom's cousin's farm in saskatchewan & a lumber mill in vancouver. went to queens univ with scholarship & debt, then same to upenn/wharton & stanford.	-0.3347	-0.3182
5493	@cyrusposting induced demand is one of the most irrational theories i've ever heard. correlation is not causation. if the transport system exceeds public travel needs, there will be very little traffic. i support anything that improves traffic, as this negatively affects almost everyone.	-0.3347	0.323
5494	@flcnhvny @cyrusposting exactly	-0.3347	0
5495	@catmonocle69 sounds like a marxist with style	-0.3347	0.3612
5496	@kimbal ❤️ you too	-0.3347	0
5497	@austinbarnard45 @flcnhvny @joe_wakefield @tjq1190 @tyger_cyber @fawfulfan @_mikemo to pay rent, we turned our house into a nightclub & charged a \$5 entry fee. looked cool at night, but insane by day ... blacklights, luminescent spray paint & metal junk sculptures.	-0.3347	-0.3818
5498	@johnkrausphotos @austinbarnard45 @flcnhvny @joe_wakefield @tjq1190 @tyger_cyber @fawfulfan @_mikemo i hope someone has pics! my mom came to visit one weekend & was quite surprised by it all, but helped work coat check & guarded the cash with a kitchen knife 🚧🚧	-0.3347	0.624
5499	@amargosavalley thousands of anon/troll/bot accounts suddenly on the attack. interesting.	-0.3347	-0.1027
5500	@evafoxu @amargosavalley for sure, but i understand the pulse of twitter pretty well. a sudden avalanche of very similar vitriolic comments from anon accounts usually means someone activated a troll/bot net.	-0.3347	0.765
5501	@rationaletienne @evafoxu @amargosavalley that might have something to do with it. "stalin: court of the red tsar" was one of the few books so dark i had to stop reading. if only they'd listened to lenin's last wish, much tragedy may have been averted.	-0.3347	-0.5994
5502	@cfidd no, i said we should build more tunnels. put trains in them or cars or whatever, but every large city on earth is plagued by traffic & it's getting worse. multi-level tunnels might solve this, so worth trying. if you have a better suggestion, please tell us what it is.	-0.3347	0.5859
5503	@ollie_turrell @cfidd pretty much	-0.3347	0.4939
5504	@jonattenborough @cfidd absolutely. multi-level tunnels can go under buildings, mountains, rivers or anything else & directly connect destinations, like aircraft do in the sky. we just need more of them.	-0.3347	0.3612

5505	@vincent13031925 @boringcompany certainly worth trying! the objective reality for large cities worldwide is that efforts to solve traffic have not worked well. if we don't try *something* new, we will be in traffic hell forever.	-0.3347	0.1531
5506	@johnnacrider1 @vincent13031925 @boringcompany yeah, boring bricks 🏗️ are def coming, but whole team is focused on getting vegas convention center tunnel operational so people can try it out, suggest improvements, etc. i ❤️ crowdsourcing ideas with people who really care about making great products!	-0.3347	0.9128
5507	⌚ https://t.co/jejv2rbfrf	-0.3347	0
5508	dam now rly want choc chip muffin	-0.3347	0.0772
5509	@c3lt_games 😊	-0.3347	0
5510	@iam_preethi i support people choosing whatever diet makes them happy, but it's true that everyone going vegan still wouldn't stop climate change. moving billions of tons of hydrocarbons from deep underground into the atmosphere & oceans is fundamentally the issue.	-0.3347	0.7906
5511	@ingmutw @iam_preethi @tesla ok	-0.3347	0.296
5512	@teslaownerssv @iam_preethi renewable energy production (solar, wind, geothermal), improving home insulation & electric transport will do the trick. vegan/vegetarian helps a little, but isn't critical. we should take the set of actions that maximize total public happiness!	-0.3347	0.8357
5513	@evafoxu @teslahistorian @teslaownersofma @johnnacrider1 @vincent13031925 @boringcompany nice	-0.3347	0.4215
5514	@teslaownerssv @iam_preethi i def believe in the ethical treatment of animals & taking action of climate, but these are mostly separate moral issues	-0.3347	0
5515	@briangilbert_ @tesla @austeslaowners is purchasing through the tesla app not working?	-0.3347	0
5516	@briangilbert_ @tesla @austeslaowners tesla app based payment will soon be rolled out ww. it's tough making functionality work across so many regulatory domains.	-0.3347	-0.128
5517	@28delayslater 🎉🎉	-0.3347	0
5518	@vincent13031925 @tesla @jsrdctz amazing work by tesla china team!! ❤️❤️	-0.3347	0.5859
5519	8 years later, the simulation is mostly real	-0.3347	0
5520	simulation of first crewed flight of falcon 9 / dragon 2020 @nasa https://t.co/bsdpytcvig	-0.3347	0
5521	@kulability @nasa crew dragon should be physically ready & at the cape in feb, but completing all safety reviews will probably take a few more months	-0.3347	0.6486
5522	@kulability @nasa new technology development schedules tend to exhibit a version of zeno's paradox — at any given point, you're halfway there	-0.3347	-0.1027
5523	@realrickyreeves @erdayastronaut @nasa crew dragon is capable of propulsive landing, but would require extensive testing to prove safety. better to focus on starship.	-0.3347	0.8074
5524	@flcnhv muffin or not-muffin	-0.3347	0
5525	@donnyraywoody @flcnhv @kulability @nasa haha true	-0.3347	0.7003
5526	almost three now. boca team is crushing it! starship has giant dome 🎉🎉 https://t.co/qtn2tu02pb	-0.3347	-0.3612
5527	@djsnm we use that process for the raptor nozzle jacket. the knuckles of this dome are stamped in michigan with a 4000 ton car body press, which costs much less for same outcome.	-0.3347	0
5528	@erdayastronaut almost everything is different. these parts are stamped vs manually bump-formed & tip tig welded vs flux core. higher precision, stronger joints & 20% mass reduction.	-0.3347	0.3818
5529	@erdayastronaut best would probably be an autogenous laser weld, but we need more precise parts & fixtures. hopefully get that done in 2020.	-0.3347	0.7845
5530	@teslaownerssv @tonycrisostomo @erdayastronaut yeah	-0.3347	0.296
5531	@erdayastronaut no, will be autogenous from the start, tapping hot ch4 & o2 from raptor	-0.3347	0
5532	@smilesimplify @erdayastronaut moving to an enclosed (fairly) clean room environment for sn2 in jan, although, unlike aluminum, stainless steel welding is not super sensitive. our main issue here in boca is that it can get very windy, which affects weld arc & steel melt pool.	-0.3347	0.765
5533	@teslagong @briangilbert_ @tesla @austeslaowners coming ...	-0.3347	0
5534	@teslagong @briangilbert_ @tesla @austeslaowners tesla merch def needs some love, but too many fish to fry rn	-0.3347	0.6369
5535	@erdayastronaut direct drive using several tesla plaid motors in parallel for sn1. simpler, lighter & more fault tolerant. rear flaps each need ~1.5 megawatts. it's like moving the entire wing of an aircraft!	-0.3347	-0.0516
5536	@cleantchnica the less code, the better! 1 point for adding a line of code, but 2 points for deleting a line. bloatware is the devil.	-0.3347	-0.4173
5537	@cleantchnica also, i hate deeply nested classes in c++. had to be said.	-0.3347	-0.5719
5538	@erdayastronaut yes	-0.3347	0.4019
5539	@cleantchnica seems so long ago	-0.3347	0
5540	@donaldm38768041 @erdayastronaut beyond awesome. he was the real deal.	-0.3347	0.6249
5541	@stevehamel16 @cleantchnica sounds about right 🎉🎉	-0.3347	0
5542	@ajtourville @cleantchnica took me an embarrassingly long time to learn that	-0.3347	0
5543	barrel on dome https://t.co/kpsijphbnk	-0.3347	0

5544	@everydaytesla yeah, engineering is ~90% of my time at spacex & about ~60% at tesla	-0.3347	0.296
5545	@cleantechnica will talk about that on q4 call	-0.3347	0
5546	@baconman65 @philichez exactly	-0.3347	0
5547	@teslarati hard to believe it's almost time to retire cargo dragon after a decade of solid service	-0.3347	0.0516
5548	@evafoxu biting off more than i can chew. because i'm an optimistic fool.	0.1257	-0.1531
5549	@janeidyeve headed to tesla fremont factory tomorrow to help with vehicle deliveries	0.1257	0.4019
5550	@shaneappleton7 @erdayastronaut building prototypes is relatively easy, volume production is hard	0.1257	0.3612
5551	@john_gardi @erdayastronaut many ways to solve this problem, but the power requirements are much higher than aircraft control surfaces. when moving giant body flaps rapidly, achieving high power is much harder than high torque.	0.1257	-0.2263
5552	@kulability @cleantechnica c tbh	0.1257	0
5553	rest in peace syd mead. your art will endure.	0.1257	0.5423
5554	@teslaownerssv @rhoehn thanks all tesla club members for helping out! looking forward to seeing you there tomorrow. ❤️	0.1257	0.6249
5555	@newscientist explains 📚	0.1257	0
5556	@johnnacriider1 it's not ready yet	0.1257	0.3612
5557	@slashdot wow, i built my first server room with parts from fry's. ending of an era.	0.0713	0.5859
5558	@hot_rod_co @tesla people talk about the products they *love*, that touch their heart & bring moments of joy	0.0713	0.8402
5559	@annerajb @slashdot zip2	0.0713	0
5560	wikigenius <a href="https://t.co/p0jm14hgrc">https://t.co/p0jm14hgrc</a>	0.0713	0
5561	@model3owners ok	0.0713	0.296
5562	@apompliano @tesla fair piece by stoll	0.0713	0.3182
5563	@7400n @model3owners ok	0.0713	0.296
5564	@slashdot the nirvana baby is about a year away from turning 30	0.0115	0
5565	@flcnhvny @slashdot 🎉	0.0115	0
5566	@austen haha this rocks!	0.0115	0.4588
5567	@donaldm38768041 bossart was boss art!	0.0115	0
5568	cgi irl <a href="https://t.co/lki3mp81oi">https://t.co/lki3mp81oi</a>	0.0115	0
5569	@tobyliliiiiiii at least 4	0.0115	0
5570	at tesla giga shanghai nsfw!! <a href="https://t.co/1yrpyzjqgz">https://t.co/1yrpyzjqgz</a>	0.0115	0
5571	@flcnhvny sprockets was amazing	0.0115	0.5859
5572	@waitbutwhy dke^dke	0.0115	0
5573	@rationaletienne 💦	0.0115	0
5574	@renatakonkoly @rationaletienne just tryin to grow my follower count on pornhub ...	0.0115	0
5575	@annerajb @waitbutwhy looks like a thin, flat, round ufo on a stick. starlink terminal has motors to self-adjust optimal angle to view sky. instructions are simply: - plug in socket - point at sky these instructions work in either order. no training required.	0.0115	0.6124
5576	@erdayastronaut since there's only one main engine, which gives pitch and yaw control, roll control is provided by the nitrogen attitude control thrusters	0.0115	0
5577	@webtekno nice 🎉	0.0115	0.4215
5578	@bnordhaug @erdayastronaut i haven't cross-checked rcs pulses with the mli dimpling on the video, but it's most likely the cause	0.0115	0
5579	❤️❤️ tesla china team ❤️❤️ such amazing progress!!	0.1678	0.765
5580	@nicegamer king of the goblins, master of the labyrinth	-0.3266	0
5581	@fvckgerry haha spectrum af 🤪	-0.3266	0.4588
5582	i put the art in fart	-0.3266	0
5583	@teslaownerssv sure	-0.1576	0.3182
5584	@grimezsx x is y	-0.1576	0
5585	bitcoin is *not* my safe word	-0.1576	0.4404
5586	@bitcoin2020conf 😊	-0.1576	0
5587	@universal_sci the sun is green (peak photon frequency)	-0.1576	0
5588	@thirdrowtesla true	-0.1576	0.4215
5589	@nicoo_correa haha true	-0.1576	0.7003
5590	phony <a href="https://t.co/w9nyoaxqus">https://t.co/w9nyoaxqus</a>	-0.1576	0
5591	🎰 toss a coin to ur witcher 🎰	-0.1576	0
5592	@rainnwilson great idea	-0.1576	0.6249

5593	@erdayastronaut @bocachicagal @nasaspaceflight dome to barrel weld made it to 7.1 bar, which is pretty good as ~6 bar is needed for orbital flight. with more precise parts & better welding conditions, we should reach ~8.5 bar, which is the 1.4 factor of safety needed for crewed flight.	-0.1576	0.8979
5594	@erdayastronaut @bocachicagal @nasaspaceflight everything is compressible, but liquid compression at these pressures is not significant. however, the tanks do expand under pressure, creating a bit more volume. keeping propellant super cold has a big effect on density of ~10% in case of ch4.	0.3402	0.7906
5595	@rquiddich every tank under pressure is a balloon tank — it's just question of degree. starship tanks are not balloon tanks like atlas in sense that they don't collapse when depressurized on the ground.	0.3402	-0.4404
5596	@flcnhv @erdayastronaut @bocachicagal @nasaspaceflight yes	0.3402	0.4019
5597	we are trapped in a prison of fonts	0.3402	-0.5267
5598	@d1rtydan haha	0.3402	0.4588
5599	@annerajb hard gothic	0.3402	-0.1027
5600	@strangecosmos @annerajb soon	0.3402	0
5601	@smilesimplify @spacex we tried to design a way to save b1046, but not possible 😞	0.3402	0.4939
5602	@nextspaceflight @smilesimplify @spacex destroyed in dragon fire	0.3402	-0.6808
5603	@flcnhv @nextspaceflight @smilesimplify @spacex ok, tho could be gnarly	0.3402	0.296
5604	@bluemoondance74 @flcnhv @spacex should be able to post video of raptor on tripod soon	0.3402	0
5605	teslas will soon talk to people if you want. this is real. <a href="https://t.co/8ajderx5qa">https://t.co/8ajderx5qa</a>	0.3402	0.0772
5606	@thexential for sure!! this will make for some epic robber confusion 🤣🤣	0.3402	0.0258
5607	and, of course, your car will be able to 🚗 in their general direction	0.3402	0
5608	@mafaruk_bagwan we need more emojis!!	0.3402	0
5609	@kristennetten they will	0.3402	0
5610	.@space_station <a href="https://t.co/1qd2qn0waj">https://t.co/1qd2qn0waj</a>	0.3402	0
5611	@ramez @khayhoe good analysis, although a bit conservative imo. however, using a high upper bound for land area that's *still* a tiny % of the us prob helps convert some naysayers. that giant fusion reactor in the sky called the sun outputs a truly staggering amount of energy!	0.3402	0.8591
5612	@rhoehn @tesla thanks for mentioning! we should've done this ages ago.	-0.1862	0.4404
5613	t-shirt is bulletproof & makes u buff! <a href="https://t.co/wo0oakclu">https://t.co/wo0oakclu</a> <a href="https://t.co/8k1vvvo1sm">https://t.co/8k1vvvo1sm</a>	-0.1862	0
5614	great song <a href="https://t.co/zojlie0gg7">https://t.co/zojlie0gg7</a>	-0.1862	0.6249
5615	@alejandro_debh @macshlibber @spaceflightnow exactly. we've had good discussions with leading astronomers. one way or another, we'll make sure starlink doesn't inhibit new discoveries or change the character of the night sky.	-0.1862	0.3818
5616	@neuro_skeptic one person's mri machine is another's railgun! made a primitive one when i was studying physics at penn. hard to wield though.	-0.1862	-0.1027
5617	@alejandro_debh @macshlibber @spaceflightnow advancing humanity's understanding of the universe is a fundamental motivator for spacex! starship can put giant 🚀 in orbit & on moon. with an occluder, could image 🌎 in other star systems.	-0.1862	0
5618	@erlendmoberget @ramez @khayhoe very true. what's really mindblowing is how much energy the sun outputs & how little of it is absorbed by earth. there is sooo much solar energy. we can solar power all of human civilization with a tiny % of earth's surface, which is a super tiny % of energy emitted by the sun.	-0.1862	0.9159
5619	starship orbital vehicle sn1, liquid oxygen header tank & nosecone <a href="https://t.co/iaisediyzgp">https://t.co/iaisediyzgp</a>	0.1752	0
5620	@teslarati sorry, migh have brought the site down	0.1752	-0.0772
5621	@sciguysspace densifying hydrogen is difficult, as its liquid temp is close to absolute zero. much easier with ch4, which is an underappreciated advantage. cooling o2 is good too, but becomes operationally difficult at n2 liquid temp, as air is ~78% n2. entire system wants to drip air!	-0.0648	0.4019
5622	@sciguysspace fundamental issue with sls is that it's not reusable, which means that a billion dollar rocket is blown up every launch! 💔 tragedy.	-0.0648	-0.6597
5623	@spexcast @sciguysspace densification isn't needed to return the ship & limited cargo from mars, but it's an option for increasing cargo return capability if needed	-0.0648	-0.2263
5624	@spexcast @sciguysspace what's amazing is how non-linear the effect of gravity is. starship can travel by itself from surface of mars to surface of earth, but requires massive booster on earth with orbital refilling to get to mars, which is ~38% of earth gravity.	-0.0648	0.5859
5625	@g33st111 reaction to cyberpunk 2077 slipping release date to september	-0.0648	0
5626	@fighteer1 @lcs_big_mike @sciguysspace that's about right	-0.0648	0
5627	megatons per year to orbit are needed for life to become multiplanetary	-0.0648	0
5628	@erdayastronaut starship design goal is 3 flights/day avg rate, so ~1000 flights/year at >100 tons/flight, so every 10 ships yield 1 megaton per year to orbit	-0.0648	0.2732
5629	@erdayastronaut building 100 starships/year gets to 1000 in 10 years or 100 megatons/year or maybe around 100k people per earth-mars orbital sync	-0.0648	0
5630	@erdayastronaut that's the goal	-0.0648	0

5631	@pranshuagarwa13 @erdayastronaut yes	-0.0648	0.4019
5632	@ecoheiliguy @erdayastronaut yeah. a lot of work is needed for propellant production on mars.	-0.0648	0.296
5633	@picklepunchd @erdayastronaut needs to be such that anyone can go if they want, with loans available for those who don't have money	-0.0648	0.0772
5634	@kristennetten @picklepunchd @erdayastronaut yes. there will be a lot of jobs on mars!	-0.0648	0.4019
5635	@mstrwilliam00 @erdayastronaut aiming for 20 to 30 years, like aircraft	-0.0648	0.3612
5636	@jameslin123321 @erdayastronaut loading the mars fleet into earth orbit, then 1000 ships depart over ~30 days every 26 months. battlestar galactica ...	-0.0648	0
5637	@jameslin123321 @erdayastronaut helping to pay for this is why i'm accumulating assets on earth.	-0.0648	0.2023
5638	hehehe <a href="https://t.co/bnln7vn6bl">https://t.co/bnln7vn6bl</a>	-0.0648	0
5639	@erdayastronaut @spexcast @sciguyspace even more important for a reusable rocket, as cost of propellant actually becomes relevant & anything below t/w of 1 is wasted fuel & oxygen	-0.0648	-0.34
5640	@vm_one1 @exhaustedpengu1 @rationaletienne michael marks, then ze've drori, but i helped out as co-ceo as they didn't have much automotive domain expertise	0.1191	0
5641	@nichegamer <a href="https://t.co/rpcgojptff">https://t.co/rpcgojptff</a>	0.1191	0
5642	@flcnhv @thirdrowtesla @gfilche @sofiaan @kristennetten @vincent13031925 great talking with @thirdrowtesla!	0.1191	0.6249
5643	@picklepunchd @flcnhv @thirdrowtesla @gfilche @sofiaan @kristennetten @vincent13031925 walk this way <a href="https://t.co/okyi7invhi">https://t.co/okyi7invhi</a>	0.1191	0
5644	@nichegamer 🎮	0.1191	0
5645	@detroitnews yay!	-0.1332	0
5646	improved accommodations <a href="https://t.co/irbk2yifd7">https://t.co/irbk2yifd7</a>	-0.1332	0.4767
5647	@tj_cooney @spacex nice shot	-0.1332	0.4215
5648	@janeidyeve yeah, we just finished two more propellant domes. spacex team & supporting suppliers are doing amazing work ramping starship production.	-0.1332	0.836
5649	@brianm853 yeah, doors are 40 ft wide	-0.1332	0.296
5650	@icannot_enough @thirdrowtesla explains the sad lack of progress in candy research!	-0.1332	-0.3818
5651	want to play the witcher game on your tesla? (you can already watch the show on tesla netflix theater)	-0.1332	0.4019
5652	@tobyliiiiiiii it's on the list	-0.1332	0
5653	@kristennetten @tobyliiiiiiii working on it	-0.1332	0
5654	@thirdrowtesla blazing saddles	-0.1332	0
5655	@aypierremc agreed, v important	-0.1332	0.4404
5656	@gamingspeedy we're working on it	-0.1332	0
5657	@nicchiban_star peace 🙏	-0.0060	0.5423
5658	@amancalledscott @chrisdungeon @mithunoorath we should strive to extend the light of consciousness into the cosmos	-0.0060	0.1779
5659	@flcnhv @amancalledscott @chrisdungeon @mithunoorath i love that heart of gold is moved by infinite improbability	-0.0060	0.6369
5660	@sciguyspace we should have a base on the moon, a city on mars	-0.0060	0
5661	@erdayastronaut ok	-0.0060	0.296
5662	@everman @erdayastronaut definitely	-0.0060	0.4019
5663	@everman @erdayastronaut yeah, system should adapt to most likely destination & anticipate school, then work, if that's owner preference	-0.0060	0.296
5664	<a href="https://t.co/sgnhzothtk">https://t.co/sgnhzothtk</a>	-0.1760	0
5665	@erdayastronaut @trevormahlmann @tesla v3 supercharger deployment will accelerate considerably this year	-0.1760	0
5666	@evafoxu @tesla sounds like we need to clear up a few things! tesla won't use this much net water on a daily basis. it's possibly a rare peak usage case, but not an everyday event. also, this is not a natural forest — it was planted for use as cardboard & only a small part will be used for gf4.	0.1024	0.765
5667	@evafoxu @tesla giga berlin / gf4 will absolutely be designed with sustainability and the environment in mind	0.1024	0
5668	@kristennetten @evafoxu @tesla exactly!	0.1024	0
5669	@harrystoltz1 @evafoxu @tesla yes	0.1024	0.4019
5670	@teslaownerssv @kristennetten @evafoxu @tesla yes	0.1024	0.4019
5671	@ihearttesla @evafoxu @tesla for sure. giga berlin will build sustainable energy vehicles using sustainable energy, so net environmental impact will be extremely positive!	0.1024	0.8553
5672	@ihearttesla @evafoxu @tesla going with nomenclature of giga [most widely understood location name] vs giga #, so giga shanghai, giga nevada, giga new york & giga berlin	0.1024	0
5673	meme necromancy <a href="https://t.co/8aptxju7gf">https://t.co/8aptxju7gf</a>	0.1024	0
5674	@flcnhv nice	0.1024	0.4215
5675	@jf323jf @naturenick we're working on it	0.1024	0
5676	@evafoxu @jf323jf @naturenick the good old days!	0.1024	0.4404

5677	@erdayastronaut yes	-0.1243	0.4019
5678	@harrystoltz1 @erdayastronaut @spacex first two domes of sn1 are almost complete	-0.1243	0
5679	@erdayastronaut parent material strength roughly doubles, so weld strength is the only real question mark	-0.1243	0.7506
5680	@john_gardi @erdayastronaut already being done	-0.1243	0
5681	@daviddobrik !	-0.1243	0
5682	the stars in starship's mirrored hull reflected	-0.1243	0
5683	chairs are underappreciated	-0.1243	0
5684	@universal_sci matter is extremely fluffy!	-0.0402	0.0258
5685	发展空间	-0.0402	0
5686	liquid nitrogen cryogenic strength test underway 🚀 <a href="https://t.co/qrpblinqm0">https://t.co/qrpblinqm0</a>	-0.0402	0.4939
5687	@djtopherlee 8.5 bar	-0.0402	0
5688	@futuramaking ice	-0.0402	0
5689	@sciguyspace if all goes well, falcon 9 will achieve triple digits this year	-0.0402	0.2732
5690	@sciguyspace tonnage delivered to orbit, normalized to leo, would be interesting to see	-0.0402	0.4019
5691	a friend just sent me this excerpt from a tesla blog i wrote 14 years ago <a href="https://t.co/hr8w52ithy">https://t.co/hr8w52ithy</a>	-0.0402	0.4939
5692	@jeff_foust @sciguyspace ok, not so bad	-0.0402	-0.3182
5693	🚀	-0.0118	0
5694	just wrote a song called "don't doubt yer vibe"	-0.0118	-0.3612
5695	@thirdrowtesla this number won't leave me alone! 🎶🎶	0.0109	-0.2263
5696	@erdayastronaut @blamblas @latimes @spacex @blueorigin exactly. mars propellant production will combine atmospheric co2 & water (ice) to make ch4 (methane) & o2. will do same on earth long-term. short-term, each falcon flight uses roughly same fuel mass as a 747 flight. falcon is ~71% oxygen & starship is ~78%, so mostly not fuel.	0.0109	0
5697	releasing soon on emo g records!	0.0109	0
5698	@poebist крипто	0.0109	0
5699	be ... cause ... it's ... true	0.0109	0.4215
5700	hope you're enjoying the simulation <a href="https://t.co/nj9jtjc4ll">https://t.co/nj9jtjc4ll</a>	0.0109	0.4404
5701	🎵 this song is hard	0.0109	-0.1027
5702	don't doubt ur vibe <a href="https://t.co/5fnjxuxw0">https://t.co/5fnjxuxw0</a>	0.0109	-0.3612
5703	<a href="https://t.co/6lz3prq2pf">https://t.co/6lz3prq2pf</a>	0.0109	0
5704	be ... cause ... it's ... you	0.0109	0
5705	@kevin702 🎶🎶	0.0109	0
5706	@benyu604 i become tiesto at night	0.0109	0
5707	@georgezachary meant to say other forms of "the cold", not influenza <a href="https://t.co/38sqql3f7i">https://t.co/38sqql3f7i</a>	0.0109	0
5708	@iamkarenboaran @georgezachary those old ladies are wise <a href="https://t.co/f1uxkvfb">https://t.co/f1uxkvfb</a>	0.0109	0.4767
5709	@vincent13031925 i appreciate the kind words!	0.0109	0.7269
5710	<a href="https://t.co/lovc2ryn72">https://t.co/lovc2ryn72</a>	0.0109	0
5711	don't doubt ur vibe now on spotify <a href="https://t.co/yylgnf4d7q">https://t.co/yylgnf4d7q</a>	1.0000	-0.3612
5712	@austinhwade nice	1.0000	0.4215
5713	@engineers_feed we should make buildings out of high-strength steel, not concrete (which needs steel in it anyway)	1.0000	0.4939
5714	@marcelmeijer @tesla yes	1.0000	0.4019
5715	@nichegamer the crypto scam level on twitter is reaching new levels. this is not cool.	1.0000	-0.1531
5716	@justpaulinelol @nichegamer this was a huge problem for search engines until google applied the citation relevance principle aka pagerank, among many other things <a href="https://t.co/qsfqtpfzb2">https://t.co/qsfqtpfzb2</a>	1.0000	-0.1027
5717	@nichegamer @justpaulinelol trolls/bots just need to be deemphasized relative to probable real people who aren't being paid to push an agenda or scam. google still shows bs/scam pages, they're just several clicks away.	1.0000	-0.8126
5718	@nichegamer @justpaulinelol the safest place to hide a dead body is the second page of google search results!	1.0000	-0.5106
5719	@marialauraadr @justpaulinelol @nichegamer haha true	1.0000	0.7003
5720	@astronomiaum only 66 years from first controlled, powered flight to landing on the moon. now, half a century later, we are still unable to return. this must change.	1.0000	0
5721	@renatakonkoly @nichegamer @justpaulinelol desperate times call for desperate measures ...	1.0000	-0.5574
5722	@flcnhv @astronomiaum unfortunately, this is true. it doesn't matter how skilled you are if you're trapped in a giant bureaucracy.	1.0000	-0.4404

5723	at tesla, using ai to solve self-driving isn't just icing on the cake, it the cake - @texfridman  join ai at tesla! it reports directly to me & we meet/email/text almost every day. my actions, not just words, show how critically i view (benign) ai.  <a href="https://t.co/if97zvyzrz">https://t.co/if97zvyzrz</a>	1.0000	0.4588
5724	tesla will soon have over a million connected vehicles worldwide with sensors & compute needed for full self-driving, which is orders of magnitude more than everyone else combined, giving you the best possible dataset to work with	1.0000	0.765
5725	our custom 144 tops in-vehicle inference computer, where almost every top is useable & optimized for nn, far exceeds anything else in volume production, giving you the hardware you need to run sophisticated nets	1.0000	0.849
5726	dojo, our training supercomputer, will be able to process vast amounts of video training data & efficiently run hypersparse arrays with a vast number of parameters, plenty of memory & ultra-high bandwidth between cores. more on this later.	1.0000	0.4588
5727	we are (obviously) also looking for world-class chip designers to join our team, based in both palo alto & austin	1.0000	0.296
5728	tesla will hold a super fun ai party/hackathon at my house with the tesla ai/autopilot team in about four weeks. invitations going out soon.	1.0000	0.872
5729	@john_gardi not needed, but will be very useful on mars due to light speed latency	1.0000	0.4404
5730	@thereal_psych sorry!	1.0000	-0.0772
5731	@cathiedwood @arkinvest the profound impact of high bandwidth, high precision neural interfaces is underappreciated. neuralink may have this in a human as soon as this year. just needs to be unequivocally better than utah array, which is already in some humans & has severe drawbacks.	1.0000	0.0772
5732	our nn is initially in python for rapid iteration, then converted to c++/c/raw metal driver code for speed (important!). also, tons of c++/c engineers needed for vehicle control & entire rest of car. educational background is irrelevant, but all must pass hardcore coding test.	1.0000	0.2023
5733	@ppathole pytorch is the most frequently used external tool set/library	1.0000	0
5734	@ajtourville @cathiedwood @arkinvest yeah, it looks like a medieval torture device, but is nonetheless currently used in many human studies! not hard to be way better.	1.0000	0.7351
5735	@elonsbrain @cathiedwood @arkinvest probably this summer	1.0000	0
5736	@dofaquarius @cathiedwood @arkinvest wait until you see the next version vs what was presented last year. it's *awesome*.	1.0000	0.6249
5737	@teslagong @elonsbrain @cathiedwood @arkinvest it will ultimately be used to make up for entire lost sections of the brain due to stroke/accident/congenital. don't want to get too excited, but the potential is truly transformational for restoring brain & motor functions. there is no other way to do it imo.	1.0000	0.34
5738	@indiealexh @mojosusan @blkmdl3 @teslagong @elonsbrain @cathiedwood @arkinvest true, it has general applications beyond fast, high precision micro-electrode insertion that automatically avoids the vasculature	1.0000	0.4215
5739	@teslagong @indiealexh @mojosusan @blkmdl3 @elonsbrain @cathiedwood @arkinvest intuitively, that should be straightforward to address, but there could be complexities i'm unaware of	1.0000	-0.2023
5740	@flcnhv @tesla @thirdrowtesla ok sure 😊 btw, we recruit great engineers from almost anywhere in the world, so this shouldn't be thought of as usa only. also, work location can be bay area (preferred), but austin (many of our chip designers are there) or potentially any tesla gigafactory.	1.0000	0.8225
5741	@cathiedwood @sbarnettark @jwangark @arkinvest first, we need to make it super safe & easy to use, then determine greatest utility vs risk. from initially working to volume production & implantation is a long road. as with vehicle safety, it will be much harder to pass our internal standards than minimum regulatory standards.	1.0000	0.9393
5742	🔴 🔴 🔴	-0.0722	0
5743	@reto_siegrist @flcnhv @thirdrowtesla yes	-0.0722	0.4019
5744	@justpaulinelol @reto_siegrist @flcnhv @thirdrowtesla definitely!	-0.0722	0.4019
5745	going max hardcore on design/production starship here in boca. it's awesome! feels a bit like a mars simulator.	-0.0722	0.765
5746	starship career day at the stargate building (boca chica blvd, tx) this thursday from 3pm to 9pm!	-0.0722	0
5747	this is mainly for staffing up 4 production shifts for 24/7 operations, but engineers, supervisors & support personnel are certainly needed too. a super hardcore work ethic, talent for building things, common sense & trustworthiness are required, the rest we can train.	-0.0722	0.8957
5748	@erdayastronaut have you tried a hydrophobic spray?	-0.0722	0
5749	@archillect uh oh	-0.8577	0
5750	giga texas?	-0.8577	0
5751	@teslaownerssv yes	-0.8577	0.4019
5752	@janeidyeve yes	-0.8577	0.4019

5753	starship concerto in zero g <a href="https://t.co/gkn05i1bvz">https://t.co/gkn05i1bvz</a>	-0.8577	0
5754	please send your resume to <a href="mailto:buildstarship@spacex.com">buildstarship@spacex.com</a> if you're coming to the starship career day in boca chica tomorrow	-0.8577	0.3182
5755	8th hottest song on soundcloud!! <a href="https://t.co/5fjnyc9ka">https://t.co/5fjnyc9ka</a> <a href="https://t.co/pmobyl4in">https://t.co/pmobyl4in</a>	0.3858	0
5756	putting that on my linkedin for sure	0.3858	0.3182
5757	@rationaletienne 🎵	0.3858	0
5758	@erdayastronaut tiny robots with lasers	0.3858	0
5759	@braxtonkai @nichegamer 🎵	0.3858	0
5760	guess he's not left-handed <a href="https://t.co/rllzolqh8u">https://t.co/rllzolqh8u</a>	0.3858	0
5761	no matter how many times u get hangry, you always think ur anger is real — plato	0.3858	0.0258
5762	essentially all quotes can be ascribed to churchill	0.3858	0
5763	all things in moderation, especially etymology	0.3858	0
5764	@yourfavgas making progress	0.3858	0.4215
5765	@ppathole <a href="https://t.co/bkkeiiicye">https://t.co/bkkeiiicye</a>	0.3858	0
5766	realiti made while u wait <a href="https://t.co/jwrpaeufs8">https://t.co/jwrpaeufs8</a>	0.3858	0
5767	@archillect rococo basilisk	0.3858	0
5768	@yourfavgas @archillect new fins	0.3858	0
5769	@yourfavgas @archillect fine, but that was an easy one	0.3858	0.5719
5770	@engineers_feed nice	0.3858	0.4215
5771	what if there was an ai programmed to want to pick as many strawberries as possible, and so it cultivated nothing but strawberries on all of earth's land? then it would be strawberry fields forever!	0.3858	0.0772
5772	@archillect ❤️	0.3858	0
5773	@v1lding haha	0.3858	0.4588
5774	@pavilsjurjans @boredelonmusk 🎵	0.3858	0
5775	@vincent13031925 "the nutcracker" is tho <a href="https://t.co/ks08x6wxnf">https://t.co/ks08x6wxnf</a>	0.3858	0
5776	@ndyf it begins ...	0.3858	0
5777	@glenn22x @vincent13031925 anything that doesn't result in a smudgy image on lens cover glass. if you get a two part hydrophobic coating, probably better just to use first part.	0.3858	0.4404
5778	@mike_seeley @wereportspace @spacex great shot	0.3858	0.6249
5779	new emoji! last one comes with free phone hack. <a href="https://t.co/t3jjwzyCog">https://t.co/t3jjwzyCog</a>	0.3858	0.5106
5780	@erdayastronaut @vincent13031925 we saw them a lot launching from kwajalein in the early days of spacex	0.3858	0
5781	late night tweets ... sigh	0.3858	0.0258
5782	@flcnhv true	0.3858	0.4215
5783	spacex started with a mariachi band party. great vibes here in boca chica, texas! <a href="https://t.co/lmfab9kckh">https://t.co/lmfab9kckh</a>	0.0632	0.7783
5784	@teslarati this isn't quite correct. an orbital rocket needs precision that's 3x to 4x better than a water tower, so super precise parts, fixtures & welding are needed. suborbital is much more forgiving.	0.0632	0.7783
5785	@teslarati that said, although substantial capital & engineering is required to achieve extreme precision, marginal production cost of the primary structure should actually be *less* than a water tower, because it's built inside a factory in volume.	0.0632	0
5786	@chraveesh @teslarati yes, we're tuning weld parameters to reduce puckering & building a heavy duty planisher to flatten & cold work the weld area	0.0632	0.4019
5787	@nextspaceflight @chraveesh @teslarati no, they're sn1. sn2 to follow shortly. aiming to be a little better each time.	0.0632	0.3832
5788	@teslarati @13ericralph31 unmodified water tower machines do not work well for orbital rockets, as mass efficiency is critical for the latter, but not the former. hopper, for example, was made of 12.5mm steel vs 4mm for sn1 orbital design. optimized skins will be <2mm in places across a 9000mm diameter.	0.0632	0.6486
5789	@janeidyeve you're welcome! was a fun recruiting event. great to see all the excitement about helping build starships.	0.0632	0.9413
5790	@rationaletienne @tesla @kimbal haha true	-0.3560	0.7003
5791	@archillect 💧 cropping	-0.3560	0
5792	@jedikni64072970 @archillect impressive, if 100 uncurated. there aren't many errors. would be interesting to see how @openai gpt would perform with same objective.	-0.3560	0.5574
5793	@nstabilini @carkinthedark once upon a time, we were all just hydrogen in a vacuum	-0.3560	0
5794	feeling cute, might delete later <a href="https://t.co/ttdjcr9qiq">https://t.co/ttdjcr9qiq</a>	-0.3560	0.5423
5795	@eljaboom 🎵	-0.3560	0
5796	my mom wrote a book ❤️ <a href="https://t.co/ev0fogluzf">https://t.co/ev0fogluzf</a> <a href="https://t.co/qqmysbnxp">https://t.co/qqmysbnxp</a>	-0.3560	0
5797	@rationaletienne @jedikni64072970 @archillect @openai @austinbarnard45 @spacex ok	-0.3560	0.296

5798	@sachabaroncohen #deletefacebook it's lame	-0.3560	-0.4215
5799	@flcnhv true	-0.3560	0.4215
5800	@neiltyson including hypothesizing that this statement is wrong haha	-0.3560	-0.0258
5801	back in boca <a href="https://t.co/rjiwpw28pt">https://t.co/rjiwpw28pt</a>	-0.3560	0
5802	@erdayastronaut first two domes in frame are for sn2, third is sn1 thrust dome	-0.3560	0
5803	order at <a href="https://t.co/byfvu5nf9w">https://t.co/byfvu5nf9w</a> <a href="https://t.co/4ld1mvhky6">https://t.co/4ld1mvhky6</a>	-0.3560	0
5804	hard to believe that is high efficiency solar power seamlessly integrated into beautiful roof tiles. great work by solarglass engineering, giga ny factory & tesla installation teams!	-0.3560	0.8779
5805	@teslaownerssv many bay area installations are ongoing now	-0.3560	0
5806	mars is to earth, as terminus was to trantor	-0.3560	0
5807	foundation by asimov	-0.3560	0
5808	@rationaletienne haha	-0.3560	0.4588
5809	@samtalkstesla your comment above: "who in their right mind would buy an ice after 2025 knowing its residual value will be zilch? legacy auto: go ev or go bust!" is super important for car buyers. residual values for gas/diesel cars will plummet in coming years.	-0.3560	0.7964
5810	@revoeh020 @tesla yes, but we want to focus on textured black first, then move into earth tones & convolutions	-0.3560	0.4588
5811	midsection of starship propellant tanks <a href="https://t.co/aa8ykpjefs">https://t.co/aa8ykpjefs</a>	-0.3560	0
5812	@yourfavgas probably 6 months or so. 301 is certainly fine for orbit, but spacex 30x will be better.	-0.3560	0.7269
5813	please let us know what improvements we can make to any aspect of tesla solarglass roof! critical feedback is much appreciated.	-0.3560	0.6808
5814	@g_d_photographr sounds like we should open a tesla center there!	-0.3560	0.3612
5815	@_mantis_ok	-0.3560	0.296
5816	@tarunbhatt161 i think will still be better than a normal roof, but adding a heating grid to automatically remove ice & snow sounds like a good option. we have that already on car windows!	-0.3560	0.8074
5817	@dafuq_mac coming hopefully later this year	-0.3560	0.4019
5818	@brittanygayle98 its integrated roof & solar, so should be light enough for almost any home	-0.3560	0
5819	should preface this saying that feedback from early tesla solar roof owners has been v positive. it's stunning vs a regular roof in person imo. photos don't do it justice.	-0.3560	0.7906
5820	tesla april company talk will be from our giga new york factory, where we make solarglass & several other products. will also offer customer & media tours.	-0.3560	0
5821	@happyhahajk aesthetics	-0.3560	0
5822	ok u can have a little emerald 🎫 <a href="https://t.co/3lzpe4ag4b">https://t.co/3lzpe4ag4b</a>	-0.1999	0.296
5823	and some vitamin k too	-0.1999	0
5824	@evhq2 @tesla this does seem high	-0.1999	0
5825	thanks mom!!! 💕 @mayemusk <a href="https://t.co/eymgv45ypt">https://t.co/eymgv45ypt</a>	-0.1999	0.4404
5826	@nicegamer whoop whoop!!	-0.1999	0
5827	@sonic_hedgehog 😊	-0.1999	0
5828	@erdayastronaut @robert_zubrin unfortunately, starship unlikely to survive leo entry intact without shielding on windward side, but none required on leeward. even windward shielding is very light.	0.4819	-0.1531
5829	@erdayastronaut @flcnhv @robert_zubrin shielding is only needed for orbital speeds	0.0092	0
5830	only the heart senses beauty	0.0092	0.5859
5831	@teslaownerssv @tesla will take action	0.0092	0
5832	@erdayastronaut @robert_zubrin might be used around flap joints	0.0092	0
5833	@_karenhao @openai openai should be more open imo	0.0351	0
5834	@_karenhao @openai all orgs developing advanced ai should be regulated, including tesla	0.0351	0.25
5835	@flcnhv @_karenhao @openai both	0.0351	0
5836	@tesletter my conversations with gates have been underwhelming tbh	0.0351	0
5837	@smerity unfortunately, i must agree that these are reasonable concerns	0.0351	0.0258
5838	@archillect 💧 makeup	0.0351	0
5839	@picklepunchd @laurenrow5 @archillect tim curry ftw	0.0351	0.4588
5840	@kitty_mcconnell glad you're all ok! 💕	-0.1508	0.6369
5841	@mattredlon @neuralink yes	-0.1508	0.4019
5842	rocket nosecone production in texas <a href="https://t.co/klwewja9gn">https://t.co/klwewja9gn</a>	-0.2009	0
5843	@tobyliiiiiiii the persuader hammer will fix sn1	-0.2009	0
5844	@tobyliiiiiiii sn 2+ will have better fit & weld quality. later serial numbers will use bigger stampings, so much less weld length.	-0.2009	0.6597
5845	worth reading asimov's foundation <a href="https://t.co/ozfhcnzyg">https://t.co/ozfhcnzyg</a>	-0.2009	0.2263
5846	@tesletter in the order that they were written	-0.2009	0
5847	@erdayastronaut o2 header tank is tip of nosecone, ch4 header is in the main ch4 tank	-0.2009	0

5848	@tobyliliiiiiii @erdayastronaut there will be a common area in the forward section with a big window like this. it will be a lot heavier than steel, but not dangerous. consider astronauts on the moon with a very thin windowed helmet. they were fine.	-0.2009	0.0516
5849	@pentaquarky @erdayastronaut the whole nose tip has to have heat shielding for atmospheric entry at mach 25+ anyway, so is effectively already insulated well in orbit	-0.2009	0.6124
5850	high bay for stacking starship engine bay, propellant tanks & fairing (fka nosecone) sections is almost done! <a href="https://t.co/g9h0430ns2">https://t.co/g9h0430ns2</a>	-0.2009	0
5851	@rationaletienne i rate it two bugblatter beasts of traal up!	-0.2009	0
5852	@flcnhvyy @sydney_ev probably	-0.2009	0
5853	@sciguysspace these problems are fundamentally intertwined. building many rockets allows for successive approximation. progress in any given technology is simply # of iterations * progress between iterations.	-0.1508	0.4404
5854	@johnhanzl lox	-0.1508	0
5855	@johnhanzl sorry, meant to say lox header tank in tip of nose. ch4 main tank is above lox main.	-0.1508	-0.0772
5856	@ppathole @johnhanzl it's mostly to balance the ship during entry. after delivering satellites, the front is light & back is heavy due to engines & landing legs.	-0.1508	0
5857	↗ <a href="https://t.co/6hhgr0zvp0">https://t.co/6hhgr0zvp0</a>	-0.1508	0
5858	science has gone too far <a href="https://t.co/ky65q3s3jx">https://t.co/ky65q3s3jx</a>	-0.1508	0
5859	@teslarati btw, in some prior tweets i'd said production cybertruck would be ~80" wide (vs ~84" body width at unveil). this is slightly too small. will be closer to 82", but come standard with upper laser blade lights.	-0.1508	0
5860	@nichegamer definitely worth trying imo	-0.1481	0.5574
5861	@erdayastronaut @teslarati it's slightly better	-0.1481	0.3832
5862	@ppathole @erdayastronaut @teslarati yes, will also show real-time changes to max acceleration, braking, cornering, speed on gradient & range, latter factoring in route elevation changes & cargo or tow mass & drag impact	-0.1481	0.2023
5863	model 3 achieves 350 mile actual range vs 310 epa sticker in consumer reports testing <a href="https://t.co/5hqrhjp4bv">https://t.co/5hqrhjp4bv</a>	-0.1481	0
5864	getting there was super hard. very proud of tesla team!	-0.1481	0.765
5865	@nichegamer bgii was amazing	-0.5094	0.5859
5866	on a wall in austin <a href="https://t.co/ydbt2tujij">https://t.co/ydbt2tujij</a>	-0.5094	0
5867	@archillect obv	-0.5094	0
5868	@cleantechnica teslas in a tunnel. happening in vegas rn.	-0.5094	0
5869	battle angel starship <a href="https://t.co/cl4rvbb8mb">https://t.co/cl4rvbb8mb</a>	-0.5094	-0.3818
5870	@teslagong @archillect i did	-0.5094	0
5871	tinny <a href="https://t.co/n1p5qvvx0d">https://t.co/n1p5qvvx0d</a>	-0.5094	0
5872	and that's why cones were invented <a href="https://t.co/7ykfeigvpq">https://t.co/7ykfeigvpq</a>	-0.5094	0
5873	@oyvi00i 🎉🎉 some are good tho	-0.5094	0.4404
5874	sn2 tank integration starts this week with much less circumferential pucker. thanks fronius!	-0.1378	0.3832
5875	@justpaulinelol 3 on sn2	-0.1378	0
5876	@flcnhvyy yes	-0.1378	0.4019
5877	@bryr32 we had the wrong settings! to make the welds super flat & strong, we're building a heavy duty, custom planisher, but just having the right settings is a major improvement.	-0.1378	0.7964
5878	@rationaletienne @bryr32 full disclosure, i'm actually a 3000 year old vampire. it's such a trial assuming all these false identities over the centuries!	-0.1378	0
5879	@teslarati i had no idea this existed. sounds awesome though!	-0.1378	0.6249
5880	@j_borsson @teslarati hopefully, in march. checking ...	-0.1378	0.4019
5881	@janeidyeve @jakethehuman28 @tesla_truth @twitter posting spacex videos is definitely not copyright infringement!	-0.1378	0.4019
5882	@erdayastronaut @janeidyeve @jakethehuman28 @tesla_truth @twitter sure	-0.1378	0.3182
5883	@foxfire40900590 definitely! what's in that sky city thing!? needs a prequel even more than a sequel.	-0.1378	0.4019
5884	@newscientist it's not mine	-0.1378	0
5885	@spacex testing raptor in vertical configuration (on the giant tripod) should allow us to simplify some aspects of the engine design	-0.5937	0.2263
5886	@teslarati it's not that big really	0.3210	0
5887	@universe_skyart @twittersupport i just sent a note to twitter to clarify that posting spacex videos is fine by us and we paid for rights to bowie song for the falcon heavy launch	0.2138	0.2023
5888	@realemirhan 🚀	0.2138	0
5889	@annerajb @realemirhan we need to finish work on autopilot core foundation code & 3d labelling, then functionality will happen quickly. not long now.	0.2138	0
5890	@annerajb @realemirhan yes, dramatically improved imo	0.2138	0.7003
5891	so ... how was your night? <a href="https://t.co/tbjdyiqjxd">https://t.co/tbjdyiqjxd</a>	0.2138	0
5892	it's fine, we'll just buff it out	0.2138	0.2023

5893	where's flextape when you need it!?	0.2138	0
5894	@janeidyeve there's a puck at the base that takes the engine thrust load. don't shuck the puck!	0.2138	0
5895	@flcnhv @janeidyeve we're stripping sn2 to bare minimum to test the thrust puck to dome weld under pressure, first with water, then at cryo. hopefully, ready to test in a few days.	0.2138	0.4588
5896	<a href="https://t.co/yt0zkj1r5j">https://t.co/yt0zkj1r5j</a>	0.2138	0
5897	@vincent13031925 definitely	0.2138	0.4019
5898	just want say that i support @jack as twitter ceo. he has a good ❤️ .	-0.6220	0.7096
5899	@erdayastronaut @jack this is vital	-0.6220	0.296
5900	@techau track mode v2 is pretty cool. maybe too complicated to use though? lmk thoughts for improvement.	-0.6220	0.8176
5901	⌚ bro <a href="https://t.co/nj7cuyhr2j">https://t.co/nj7cuyhr2j</a>	-0.6220	0
5902	dogs rock <a href="https://t.co/vljgyzo5sx">https://t.co/vljgyzo5sx</a>	-0.6220	0
5903	they have the best coin	-0.6220	0.6369
5904	sleeving sn2 dome in the high bay <a href="https://t.co/zdruogd8xz">https://t.co/zdruogd8xz</a>	-0.6220	0
5905	@teslarati no matter what, we need to pressurize the production system. rocket design is relatively easy, making one is hard, making many is extremely hard. manufacturing is underrated.	-0.6220	0.296
5906	mad respect for the makers of things	-0.6220	-0.0258
5907	@sofiaan @tesla true. oddly, those who complained didn't actually order fsd. perhaps they weren't aware that the computer is upgraded for free if the fsd option is ordered even after delivery.	-0.2372	0.7269
5908	@erdayastronaut @sofiaan @tesla cool, we're tracking to release more fsd features later this month	-0.2372	0.3182
5909	@justpaulinelol @erdayastronaut @sofiaan @tesla we're making progress. improved rules are going through the eu standards committees. hopefully better in a few months.	-0.2372	0.8885
5910	@sciguyospace ❤️	-0.2372	0
5911	@chrisdungeon also, when tech is new, catalog engineering isn't possible, as there is no catalog. has to be first principles.	-0.2372	0
5912	@tesla raising art to new heights	0.0321	0
5913	the coronavirus panic is dumb	0.0321	-0.765
5914	final dragon version 1 mission tonight <a href="https://t.co/usyursgqpk">https://t.co/usyursgqpk</a>	-0.0745	0
5915	rocket will land in highest winds ever at cape canaveral tonight. this is intentional envelope expansion.	-0.0745	0
5916	@alejandro_debh recent missed landing (at sea) was due to incorrect wind data. if this (land) landing fails, it will most likely be for a different reason.	-0.0745	-0.6124
5917	envelope expanded <a href="https://t.co/wiuwutaanh">https://t.co/wiuwutaanh</a>	-0.0745	0
5918	accurate <a href="https://t.co/iskxiprvdf">https://t.co/iskxiprvdf</a>	-0.0745	0
5919	@cosmicdatabase yeah	-0.0745	0.296
5920	@war_remains @hardcorehistory thanks for taking us through this today. hopefully, such horrors will never again be repeated in reality.	-0.0745	0.6808
5921	@fxzzonthebeat virality of c19 is overstated due to conflating diagnosis date with contraction date & over-extrapolating exponential growth, which is never what happens in reality. keep extrapolating & virus will exceed mass of known universe!	-0.0745	0.3818
5922	@fxzzonthebeat fatality rate also greatly overstated. because there are so few test kits, those who die with respiratory symptoms are tested for c19, but those with minor symptoms are usually not. prevalence of coronaviruses & other colds in general population is very high!	-0.0745	-0.8646
5923	@lexfridman yeah, that's a great one	-0.0745	0.743
5924	@evafoxu memes are powerful	-0.0745	0.4215
5925	@nypost he studied the blade	-0.0745	0
5926	@mrebuzz <a href="https://t.co/djlsrq14ni">https://t.co/djlsrq14ni</a>	-0.0745	0
5927	@nextspaceflight @erdayastronaut static fire & short flights with sn3, longer flights with sn4, but spooling up the whole starship/raptor production line is really what matters	-0.0745	-0.2516
5928	@techmeme @yunli626 market was bit high anyway, so due for a correction	-0.0745	0
5929	congratulations tesla team on making our 1,000,000th car!! <a href="https://t.co/5m99a9llqi">https://t.co/5m99a9llqi</a>	-0.2544	0.5994
5930	@nichegamer choc milk is even better than people remember. it's incredible.	-0.2544	0.4404
5931	coachella should postpone itself until it stops sucking	-0.2544	-0.3612
5932	too much corporate sponsorship killed the vibe	-0.2544	-0.6705
5933	@trevorcochran2 🎭	-0.2544	0
5934	@djslimeball busted 🎭	-0.2544	0
5935	tesla should have a mega rave cave under the berlin gigafactory	-0.2544	0
5936	@coachella ok fine, that was good haha	-0.2544	0.836
5937	@flcnhv @coachella yes, for now	-0.2544	0.4019
5938	@thirdrowtesla haha true	-0.2544	0.7003
5939	@balabushkafury and rammstein	-0.2544	0
5940	@jaden @coachella 🎭	-0.2544	0
5941	@_sear_ @_balabushkafury definitely	-0.2544	0.4019

5942	@evafoxu @autozeitung @tesla ↗	-0.2544	0
5943	scouting locations for cybertruck gigafactory. will be central usa.	-0.1700	0
5944	model y production for east coast too	-0.1700	0
5945	@fredericlambert former	-0.1700	0
5946	@rationaletienne thank you for your kind words, brother	-0.1700	0.7096
5947	to those who quietly help advance the causes we mutually believe in, knowing advancing the cause is the only reward: thank you	-0.1700	0.6369
5948	@samtalkstesla @janeidyeve mars is god of war & memes are a form of war ... and fun too! neither will be destroyed. ceres, moons of jupiter & saturn prob come next.	-0.1700	-0.4352
5949	<a href="https://t.co/ixso7ko4z7">https://t.co/ixso7ko4z7</a>	-0.1700	0
5950	@teslatino @tesla checking	-0.1700	0
5951	the people have spoken!	-0.1700	0
5952	moral condemnation used not for morality, but as a weapon for manipulation is messed up	-0.1700	-0.34
5953	and so annoying	-0.1700	-0.4019
5954	wacktivism!	-0.1700	0
5955	@ppathole that's the goal! 😊	-0.1700	0
5956	@nichegamer good one	-0.1700	0.4404
5957	@neiltyson yes, it's in my twitter banner pic	-0.3498	0.4019
5958	@janeidyeve @tesmanian_com nice work!	-0.3498	0.4215
5959	@poisontoxic21 @neiltyson to be totally frank, i did an image search on my phone & posted without looking closely	-0.3498	0
5960	@thingswork the permian-triassic was super bad <a href="https://t.co/xt9skw3aix">https://t.co/xt9skw3aix</a>	-0.3498	0.1027
5961	@bhmoors coming soon	-0.4689	0
5962	@ianpavelko @bensullins pretty much	-0.4689	0.4939
5963	@solarchainsaw @bhmoors true	-0.4689	0.4215
5964	@jgrano305 yes	-0.4689	0.4019
5965	@eugenelee3 @ianpavelko @bensullins once production has exceeded preorders	-0.4689	0
5966	@teslatunity yes	-0.4689	0.4019
5967	@teslaownerssv @teslatunity will discuss with team	-0.4689	0
5968	@brandynspears sure	-0.4689	0.3182
5969	@bluemoondance74 @eugenelee3 @ianpavelko @bensullins probably. raptor sounds different to merlin.	-0.4689	0
5970	@janeidyeve some parts will use 304l, as it has higher toughness at cryo temps. will move to internally developed alloys probably end of year.	-0.4689	0
5971	@tesla congratulations giga ny team!	-0.4689	0.5994
5972	fear is the mind-killer	-0.4689	-0.4939
5973	@erdayastronaut @spacex @boeingsspace @ulalaunch @boeing slight booster length increase to 70m, so 120m for whole system. liftoff mass ~5000 mt.	-0.4689	0.3182
5974	@engineers_feed 🚀	-0.4689	0
5975	maybe worth considering chloroquine for c19 <a href="https://t.co/leyob7jofr">https://t.co/leyob7jofr</a>	-0.4689	0.2263
5976	@meckimac yes, i received chloroquine via central line through my chest & both arms. had near fatal case of falciparum. would've died for sure if not for chloroquine. doesn't mean it works for c19, but maybe better than nothing.	-0.4689	0.5106
5977	@gundament maybe helpful	-0.4689	0.4215
5978	@meckimac was also given a lot of doxycycline <a href="https://t.co/hn0bzsiatz">https://t.co/hn0bzsiatz</a>	-0.2607	0
5979	@renatakonkoly @meckimac i was first misdiagnosed at stanford hospital with viral meningitis, then again misdiagnosed at sequoia. a visiting doc from san jose general saw my charts & sent me to icu immediately. i was ~36 hours from being unrecoverable. so, i take expert advice with a grain of salt ...	-0.2607	0
5980	@sofiaan @renatakonkoly @meckimac yeah <a href="https://t.co/yp3pbn4prv">https://t.co/yp3pbn4prv</a>	-0.2607	0.296
5981	@ppathole @sofiaan @renatakonkoly @meckimac yeah. fate loves irony.	-0.2607	0.6908
5982	this paper matches what i'm hearing from a lot of smart people <a href="https://t.co/vul3xorsqq">https://t.co/vul3xorsqq</a>	-0.2607	0.4019
5983	that said, danger of panic still far exceeds danger of corona imo. if we over-allocate medical resources to corona, it will come at expense of treating other illnesses. track graph at bottom of this page: <a href="https://t.co/7nwkjizyfn">https://t.co/7nwkjizyfn</a>	-0.2607	-0.9231
5984	@ppathole sounds sensible	-0.2607	0
5985	hydroxychloroquine probably better <a href="https://t.co/fwn2kh1lzx">https://t.co/fwn2kh1lzx</a> <a href="https://t.co/wqodhifewt">https://t.co/wqodhifewt</a>	-0.2607	0.4404
5986	@fael097 pretty close. design is evolving rapidly. would be great to flatten domes, embed engines & add ~1.5 barrel sections of propellant for same total length. also, current legs are a bit too small.	-0.2607	0.8074
5987	@mikefthomp if jamis needs help, he has many friends, me among them	-0.2607	0.7003

5988	@riganoesq @diderraoult whether z-pak works in this situation or not, it's a kickass med for many maladies <a href="https://t.co/um2tqypzqz">https://t.co/um2tqypzqz</a>	-0.2607	0
5989	@1971capital @mlevitt_np2013 very sensible. knows how to handle exponential functions in reality.	-0.6046	0
5990	@nicegamer seems to be happening a lot	-0.6046	0
5991	@j_potoski @adrianagalayda @ppathole @1971capital @mlevitt_np2013 exactly	-0.6046	0
5992	@nicegamer wild times ...	-0.6046	0
5993	fear the memesphere	-0.6046	-0.4939
5994	abysmal autocorrect might be the #1 reason people don't fear ai	-0.6046	-0.4939
5995	@ppathole awe tow co wrecked	-0.6046	0
5996	@annerajb yeah	-0.6046	0.296
5997	because polygon doesn't rhyme	-0.6046	0
5998	@evafoxu 🎉🎉	-0.6046	0
5999	@sciguyspace yeah. there was also an early engine shutdown on ascent, but it didn't affect orbit insertion. shows value of having 9 engines! thorough investigation needed before next mission.	-0.6046	0.5574
6000	@kmastersbarnes @spacex yeah, most reflights ever!	-0.6046	0.296
6001	@erdayastronaut @sciguyspace last launch aborted due to slightly high power. possibly, but not obviously, related to today. this vehicle has seen a lot of wear, so today isn't a big surprise. life leader rockets are used only for internal missions. won't risk non-spacex satellites.	-0.6046	0
6002	@riganoesq @diderraoult how does this compare to favipiravir? <a href="https://t.co/rm1mqsvs1">https://t.co/rm1mqsvs1</a>	0.8844	0
6003	@challengerst @worldandscience 🎉🎉	0.8844	0
6004	@cleantechnica 0% chance of anything close	0.8844	0.25
6005	@cleantechnica monitor graph at bottom of cdc website. new "confirmed" cases, not oft-reported "presumptive positive" is trending to level off over next few weeks & be negligible by end of april. same pattern as china. <a href="https://t.co/vz3pbhqihg">https://t.co/vz3pbhqihg</a>	0.8844	0.5574
6006	@cleantechnica some helpful data from italy <a href="https://t.co/3taxq5nxcz">https://t.co/3taxq5nxcz</a>	0.8844	0.4215
6007	@cleantechnica <a href="https://t.co/9xvratnhnq">https://t.co/9xvratnhnq</a>	0.8844	0
6008	@suhaylabbas @fawadchaudhry we will make ventilators if there is a shortage	0.8844	-0.25
6009	@jason exactly. my guess is that the panic will cause more harm than the virus, if that hasn't happened already.	0.8844	-0.7783
6010	@disruptresearch @jason true	0.8844	0.4215
6011	@m_mosseri @spacex @nasa @nasa_astronauts yes	0.8844	0.4019
6012	@nycmayor @natesilver538 sounds good, we will connect with your team to understand potential needs	0.8844	0.4404
6013	@westcoastbill imo, this professor is correct. also, growth rate of confirmed c19 cases is dropping every day, despite 10x increase in testing. from tues to today, was 43%, 24%, 17%. track this chart: <a href="https://t.co/vz3pbhqihg">https://t.co/vz3pbhqihg</a>	0.8844	0.1625
6014	no new domestic corona cases in china <a href="https://t.co/lgmxrvmfy">https://t.co/lgmxrvmfy</a>	-0.2751	0
6015	@ppathole yes	-0.2751	0.4019
6016	@ppathole based on current trends, probably close to zero new cases in us too by end of april	-0.2751	0
6017	@rationaletienne @ppathole kids are essentially immune, but elderly with existing conditions are vulnerable. family gatherings with close contact between kids & grandparents probably most risky.	-0.2751	-0.128
6018	@rationaletienne @ppathole <a href="https://t.co/eltga3hrar">https://t.co/eltga3hrar</a>	-0.2751	0
6019	@flcnhv anyone feeling even slightly ill should stay home. elderly should avoid close contact, even with family members, for now. those seem most important.	-0.2751	-0.3415
6020	@dofaquarius @ppathole we're working on ventilators, even though i think there will not be a shortage by the time we can make enough to matter	-0.2751	-0.2263
6021	@dofaquarius @ppathole thanks ❤️	-0.2751	0.4404
6022	@alandrummond2 interesting thread	-0.2751	0.4019
6023	@edludlow yes, we're working on ventilators, even though i think they probably won't be needed	-0.2751	0.4019
6024	@moskov that won't work for our auto parts suppliers, so, no, our us factory can't stay open	-0.2751	0
6025	@renatakonkoly @moskov yeah, spacex is working on ventilators too	-0.2751	0.296
6026	@mg42bonesaw a single computer, pump & pressure accumulator would be fine for many patients, but ideally individual valves per patient to personalize care & avoid cross-flow risk	-0.2751	0.3182
6027	@friedberg feels like the plot of deus ex <a href="https://t.co/r8tmw048jm">https://t.co/r8tmw048jm</a>	-0.2751	0.3612
6028	@natesilver538 do you have data on the false positive rate? i've heard a wide range of numbers. cdc numbers are almost an order of magnitude lower between high fidelity data (onset date known) and "presumed positive". <a href="https://t.co/vz3pbhqihg">https://t.co/vz3pbhqihg</a>	-0.0935	0.7402
6029	@ppathole @natesilver538 sure, although ventilator companies definitely know how to make ventilators. just a spike in demand right now. also, using cpap machines for less severe cases & using one ventilator for several patients seem like good moves to meet short-term demand.	-0.0935	0.7264
6030	@ppathole @natesilver538 up to 80% false positive	-0.0935	0.5574

6031	@riccitellidylan @coldbuschlights @ppathole @natesilver538 exactly, both would be false positive. also, dying with c19 is different from dying because of c19. vast majority who died had other illnesses too. <a href="https://t.co/ykmw54q2kl">https://t.co/ykmw54q2kl</a>	-0.0935	-0.4939
6032	@lauren62515251 @ppathole @natesilver538 fair point :)	-0.0935	0.3182
6033	@flcnhv @thirdrowtesla @natesilver538 sigmoidal for china, followed by sigmoidal for rest of world	-0.0935	0
6034	@samtalkstesla @flcnhv @thirdrowtesla @natesilver538 sigmoid (s-curve) is how all physical and mental viruses behave, regardless of containment. containment reduces asymptote of s-curve. at this point, we have strict containment in us/europe & should expect similarly reduced asymptote to china.	-0.0935	0
6035	@samtalkstesla @flcnhv @thirdrowtesla @natesilver538 no problem :)	-0.0935	-0.4019
6036	just had a long engineering discussion with medtronic about state-of-the-art ventilators. very impressive team!	-0.0935	0.5106
6037	@cdcgov close contact family gatherings that mix young kids, who have almost no risk of c19 death, with grandparents who have high risk (especially those with prior lung damage), are one of the most powerful mortality vectors	-0.0935	-0.7854
6038	@guruleaks1 @benikbeno italy: "on re-evaluation by the national institute of health, only 12 per cent of death certificates have shown a direct causality from coronavirus."	-0.0935	-0.5994
6039	@benikbeno @cdcgov panic is always dumb	-0.0935	-0.765
6040	@nativecacv @tesla @omead_a you're most welcome. we're working on getting other types of ppe too. ventilators should arrive within a few days.	-0.0935	0.4588
6041	@justpaulinelol @evafoxu @tesla we expect to have over ~1200 to distribute this week. getting them delivered, installed & operating is the harder part.	-0.0935	0
6042	@uwdwaldorf @tesla @omead_a @uwmedicine thanks for taking delivery in your garage! let us know if there's anything else you need.	-0.0935	0.4404
6043	@johnkleese this is great advice	-0.0935	0.6249
6044	@engineers_feed nice	-0.0935	0.4215
6045	@kristennetten @thirdrowtesla @salehcu yeah. we have a mask shipment stuck at lax. hopefully freed up soon.	-0.0935	0.4404
6046	@thirdrowtesla yup	-0.0935	0
6047	@bbccescience news worrisome	-0.0935	0
6048	@flylaxairport much appreciated	-0.0935	0.5106
6049	@engineers_feed engineering ftw	0.3016	0.4588
6050	@jonkay @quillette according to the italian govt, only 12% of deaths are actually due to c19. this is a significant policy difference in italy vs most other countries.	0.3016	0.2023
6051	@renatakonkoly @sdunbabin @jonkay @quillette exactly	0.3016	0
6052	@teslaownerssv @renatakonkoly @sdunbabin @jonkay @quillette most likely, imo, we will see a significant reduction in the confirmed c19 case growth rate this week. follow chart at bottom of this cdc page: <a href="https://t.co/vz3pbhqihg">https://t.co/vz3pbhqihg</a>	0.3016	0.5267
6053	@bocachicamaria1 will do	0.3016	0
6054	@justpaulinelol @engineers_feed 🚫🚫	0.3016	0
6055	@teslarati model y heat pump is some of the best engineering i've seen in a while. team did next-level work.	0.3016	0.6369
6056	@ajtourville @teslarati the heat pump and rear body castings are a step beyond	0.3016	0
6057	@stephenpallotta @ajtourville @teslarati sure would love to do home hvac that's quiet & efficient, with humidity control & hepa filter	0.3016	0.8519
6058	@romn8tr @stephenpallotta @ajtourville @teslarati this is a way bigger deal than most people realize	0.3016	0
6059	@kristennetten @thirdrowtesla yeah, pretty much. house could talk to car & know when you're expected home, so temp & humidity would be perfect just as you arrive. no wasted energy.	0.3016	0.7906
6060	@stevehamel16 @jordanwells33 @hereforthecon19 @scottwapnercnbc yup, china had an oversupply, so we bought 1255 fda-approved resmed, philips & medtronic ventilators on friday night & airshipped them to la. if you want a free ventilator installed, please let us know!	0.3016	0.8271
6061	@stevehamel16 @jordanwells33 @hereforthecon19 @scottwapnercnbc thanks tesla china team, china customs authority & lax customs for acting so swiftly	0.3016	0.4939
6062	@inspaceittrust @kristennetten @thirdrowtesla could maybe tap the condensation for water too. seems odd that hvac systems make pure, fresh water & just dump it on the ground.	0.3016	0
6063	@jbnielsen1985 @stephenpallotta @ajtourville @teslarati both	0.3016	0
6064	@flcnhv @thirdrowtesla this is messed up @mikebloomberg	0.3016	-0.34
6065	@steezyysosa @teslatino @flcnhv @thirdrowtesla @mikebloomberg @twitter have let @twitter know	0.3016	0
6066	@samtalkstesla @mikebloomberg true. @mikebloomberg, this is accurate. you believe in journalistic integrity, but if something isn't done, this will continue.	0.3016	0.4215

6067	.@apple pls fix awetoekreqt	0.3016	0
6068	it's ducked!	0.3016	0
6069	this meme proves it <a href="https://t.co/3chazxv6dj">https://t.co/3chazxv6dj</a>	0.3016	0
6070	@flcnhv @tesla making good progress. we will do whatever is needed to help in these difficult times.	-0.1817	0.7096
6071	@ppathole @flcnhv @tesla yes. is there more? should be a lot of data by now.	-0.1817	0.4019
6072	@ppathole @flcnhv @tesla c19 testing in the us over the past week has grown much faster than c19 positive cases. i think we may have passed the inflection point for us cases (excluding ny) already.	-0.1817	0.5574
6073	@enscand @ppathole @flcnhv @tesla something weird happened at cdc yesterday. they changed the graph to include "estimated illness onset date". this is a significantly less rigorous standard. <a href="https://t.co/dz2nio5ddi">https://t.co/dz2nio5ddi</a>	-0.1817	-0.1779
6074	@flcnhv @tesla giga new york will reopen for ventilator production as soon as humanly possible. we will do anything in our power to help the citizens of new york.	-0.1817	0.4019
6075	sn3 <a href="https://t.co/bm1wzzd4zg">https://t.co/bm1wzzd4zg</a>	-0.3506	0
6076	@martiandays physics is the law, everything else is a recommendation	-0.3506	0
6077	<a href="https://t.co/lzh1uij8qcy">https://t.co/lzh1uij8qcy</a>	-0.3506	0
6078	@alvianchoiri @utkarshzaveri @fael097 yes	-0.3506	0.4019
6079	@teslaownerssv @teslarati working on that with medtronic. given ny pressing needs, we're delivering resmed, philips & medtronic ventilators to ny hospitals starting tonight.	-0.3506	0
6080	@fidelcatsro @alexberenson .@mayemusk care to comment?	0.0251	0.4939
6081	@ppathole @alexberenson @imperialcollege yes	0.0251	0.4019
6082	@thirdrowtesla exactly. douglas adams knew what he was talking about.	0.0251	0
6083	@thirdrowtesla 🎉🎉	0.0251	0
6084	@nycmayor you're most welcome. credit to the tesla team. will do our best to help in any way.	0.0251	0.91
6085	@nycmayor biggest value tesla is providing is precise delivery of ventilators exactly to the icu where & when they're needed. there are many ventilators in warehouses, but stuck in logistics/routing/paperwork issues.	0.0251	0.1027
6086	@kshah07 @yosefontwo @jsellmafia @nycmayor yes. just as with groceries, the panic is also causing hoarding of ventilators, preventing them from reaching the hospitals where they are needed.	0.0251	0.0516
6087	@alexsaifi @nycmayor we will give away all our ventilators, whether we buy them or build them	0.0251	0
6088	@vitalvegas also makes for a great shelter <a href="https://t.co/f991ajd2mu">https://t.co/f991ajd2mu</a>	0.0251	0.6249
6089	@ppathole @vitalvegas buzzfeed is a mind virus	0.0251	0
6090	would be great to combine blood donations with a c19 antibody test, so you know if you're immune. refill blood banks & give donors peace of mind. <a href="https://t.co/hnppfzzua9">https://t.co/hnppfzzua9</a>	-0.2162	0.8689
6091	@scottsaoralba yes	-0.2162	0.4019
6092	@abbottnews can you do a fast antibody test?	-0.2162	0
6093	@n2179_twit @abbottnews this sounds great	-0.2162	0.6249
6094	@microdentist and many doctors are not treating patients, due to fear of giving or receiving c19	-0.2162	-0.2023
6095	hello from the inside <a href="https://t.co/sv3fwl3bfp">https://t.co/sv3fwl3bfp</a>	-0.2162	0
6096	@teslaownerssv seeing friends	-0.2162	0.4767
6097	now on launch stand <a href="https://t.co/yb5wiejakj">https://t.co/yb5wiejakj</a>	-0.2162	0
6098	<a href="https://t.co/bvh1tl12l6">https://t.co/bvh1tl12l6</a>	-0.2162	0
6099	@c3lt_games hopefully, starship will have enough flight history to substitute for dragon for nasa missions too	-0.2162	0.4019
6100	@renatakonkoly <a href="https://t.co/pwb6ivya0j">https://t.co/pwb6ivya0j</a>	-0.2162	0
6101	@ian1219 ok	0.2130	0.296
6102	@rationaletienne @ppathole <a href="https://t.co/js68gnys2u">https://t.co/js68gnys2u</a> <a href="https://t.co/4a3h517zdw">https://t.co/4a3h517zdw</a>	0.2130	0
6103	@marsmeditation @rationaletienne @ppathole the s-curve appears to be entering the logarithmic phase	0.2130	0
6104	@neiltyson one day we will	0.2130	0
6105	@teslarati @bocachicagal the legs extend & telescope out, so are longer than they seem, but not as long as they will be for sn4+	0.2130	0.1779
6106	we have extra fda-approved ventilators. will ship to hospitals worldwide within tesla delivery regions. device & shipping cost are free. only requirement is that the vents are needed immediately for patients, not stored in a warehouse. please me or @tesla know.	0.2130	0.8126
6107	@erdayastronaut @spacex @flightclubio mass of initial sn ships will be a little high & isp a little low, but, over time, it will be ~150t to leo fully reusable	0.2130	-0.204
6108	@nychealthsystem @tesla happy we could be helpful! more available if needed.	0.2130	0.7579
6109	@thirdrowtesla y has next-level upgrades, especially body castings & heat pump	-0.4164	0
6110	@carlquintanilla interesting	-0.4912	0.4019
6111	@kimalvitie yes, v close! nice work. those are v0.9 legs, so major upgrades coming. need wider span, longer stroke & ability to auto-level for uneven ground or leaning into high winds.	-0.4912	0.7783
6112	@erdayastronaut @kimalvitie yeah	-0.4912	0.296

6113	@pinkshotgun1 @kimalvitie definitely need a wider span	-0.4912	0.4019
6114	@28delayslater @thirdrowtesla exactly	-0.4912	0
6115	@nuovarealta @cleantechnica will call when we reach mars	-0.4912	0.0258
6116	@28delayslater @thirdrowtesla exactly. moreover, all hospitals were given exact specifications of resmed & philips ventilators before delivery & all confirmed they would be critical.	-0.4912	-0.3182
6117	@28delayslater @thirdrowtesla invasive ventilators are for worst case patients. survival rate at that point is low, as gov cuomo has pointed out. nonetheless, we start delivery of intratracheal medtronic units in nyc tonight.	-0.4912	-0.7351
6118	@flcnhv @28delayslater @thirdrowtesla yeah, very important to provide c/bipap devices to *prevent* cases from becoming severe. once severe (intratracheal intubation), survival rates are low.	-0.4912	-0.4939
6119	@28delayslater @thirdrowtesla weird that so many troll/bot accounts were activated to attack on this fake issue. wonder who's behind it.	-0.4912	-0.7845
6120	@sciguyspace sn3 passed ambient temperature pressure test last night, now doing cryogenic	-0.5099	-0.296
6121	@drdavidreich you're most welcome! impressive work by mount sinai team.	-0.5099	0.743
6122	@drdavidreich for those who care about details <a href="https://t.co/lnylijfjqr">https://t.co/lnylijfjqr</a>	-0.5099	0.4939
6123	@ppathole @drdavidreich sounds promising. will be interesting to see results of clinical trials.	-0.5099	0.6597
6124	@chrisdungeon @tesla 😊	-0.5099	0
6125	@cody_a_hill air quality has a much bigger effect on health than people realize. credit to larry page for making me aware of this.	-0.5099	0.3818
6126	@maxdreamcreator @labpadre @jorat1346 it's true 😊	-0.5099	0.4215
6127	@austinbarnard45 @labpadre we will see what data review says in the morning, but this may have been a test configuration mistake	-0.5099	-0.34
6128	@johnkleese so many brilliant scenes. anarcho-syndicalism! <a href="https://t.co/kzjh26wjvv">https://t.co/kzjh26wjvv</a>	-0.0357	0.5859
6129	@johnkleese and how to tell if someone's a witch <a href="https://t.co/o5xaopsnw1">https://t.co/o5xaopsnw1</a>	-0.0357	0
6130	@thirdrowtesla homelink is 3rd party hardware that increases cost of all cars, but only some people use it, so it's only installed upon request. long-term, garage openers are transitioning to wifi-activated.	-0.0357	0.4019
6131	@kristennet @brandonbernick @thirdrowtesla yeah, probably july 1st	-0.0357	0.296
6132	@samtalkstesla @brandonbernick @thirdrowtesla some progress	-0.0357	0.4215
6133	@jgrano305 @kristennet @brandonbernick @thirdrowtesla oh sure, good point. will discuss with team & make available to buy in tesla app.	-0.0357	0.6369
6134	@thingswork !!	-0.0357	0
6135	@28delayslater @thirdrowtesla first medtronic units from tesla getting installed in ny metro area. these are for worst case situations. <a href="https://t.co/xyfrzwv1m7">https://t.co/xyfrzwv1m7</a>	-0.0357	-0.6249
6136	@teslaownerssv @28delayslater @thirdrowtesla bought, but spacex is spooling up to manufacture proportional solenoid valves for medtronic (confirmed as critical today with chair & ceo) <a href="https://t.co/ziuessaxrz">https://t.co/ziuessaxrz</a>	-0.0357	-0.3182
6137	@steezyysosa @teslaownerssv @28delayslater @thirdrowtesla yeah, about \$35k with shipping & taxes	-0.0357	0.296
6138	@teslaownerssv @28delayslater @thirdrowtesla tesla is on second rev of internal ventilator design. will post an update on this tomorrow.	-0.0357	0
6139	u r o k	-0.0357	0
6140	@nychealthsystem @tesla you're welcome!	-0.0357	0.4588
6141	press any key to continue <a href="https://t.co/gfnlyougdy">https://t.co/gfnlyougdy</a>	-0.0357	0
6142	@henryfordnews @tesla 🙌	-0.0357	0
6143	@ppathole @austinbarnard45 @labpadre pretty much. good news is that this was a test configuration error, rather than a design or build mistake. not enough pressure in the lox tank ullage to maintain stability with a heavy load in the ch4 tank. this was done with n2.	-0.0357	-0.0516
6144	we're adding this here catchy tune to the music maker in the tesla!	-0.0357	0
6145	@erdayastronaut @ppathole @austinbarnard45 @labpadre if you lose pressure control on rocket propellant tanks, you're doomed anyway, so might as well go all in	-0.0357	-0.4215
6146	@erdayastronaut @ppathole @austinbarnard45 @labpadre there are redundant pressure control valves. it's a new system and sn3 was simply commanded wrong. rockets are hard.	-0.0357	-0.6908
6147	@erdayastronaut @ppathole @austinbarnard45 @labpadre rockets & spacecraft have to operate in vacuum, so maintaining pressure is fundamental. however, this can be made very safe over time imo.	-0.0357	0.1779
6148	@erdayastronaut @ppathole @austinbarnard45 @labpadre exactly. no point in an abort system on mars, so got to make the core ship super safe.	-0.0357	0.7783
6149	@yourfavgas @erdayastronaut @ppathole @austinbarnard45 @labpadre hard to hide anything from the internet! yeah, we're going to reuse much of the thrust section.	-0.0357	0.0258
6150	raptors <a href="https://t.co/oycjgni8he">https://t.co/oycjgni8he</a>	-0.0357	0
6151	so proud <a href="https://t.co/me5hirnj6n">https://t.co/me5hirnj6n</a>	-0.0357	0.4767

6152	@bluemondance74 hard to tell scale, as body diameter is 9m or ~30 ft, but it looks like it could be r2d2 size in this video <a href="https://t.co/dxrksamewwi">https://t.co/dxrksamewwi</a>	-0.0357	0.2732
6153	@janeidyeve beatrix potter energy!	-0.0357	0.2732
6154	@ppathole @wjduncan she's neither here nor there	-0.0357	0
6155	@spaceintellige3 it is stable on the ground without propellant loaded, which is an improvement from og atlas	-0.0357	-0.0721
6156	@alvianchoiri true. each of these engines is also slightly different. raptor is evolving rapidly.	-0.0357	0.4215
6157	@aaron_m_devries 🎉🎉	-0.0357	0
6158	@teslatino @thirdrowtesla nice color	-0.0357	0.4215
6159	@bramjan75663351 @flcnhv @tesla love that gen shinseki quote!	-0.0357	0.6369
6160	@flcnhv @tesla cool!	-0.0357	0.3182
6161	@thirdrowtesla not true	-0.0357	0.4215
6162	@teslagong not a question of wanting to do it or not, but rather having anyone there to make sure it gets delivered & works	-0.0357	0.3182
6163	@morgan_murphy nice ink	-0.0357	0.4215
6164	music is a limbic resonator	-0.0357	0
6165	@facts_tesla amazing 🎉🎉	-0.0357	0.5859
6166	@aaronchewning @morgan_murphy ok	-0.0357	0.296
6167	@archillect like tears in rain	-0.0357	0.1531
6168	starship fuel header tank <a href="https://t.co/cvj8057cy6">https://t.co/cvj8057cy6</a>	-0.0357	0
6169	@people_of_space @sciguyspace this is awesome!	-0.0357	0.6249
6170	@flcnhv @sofiaan @tesla that's our goal!	-0.0989	0
6171	@morgan_murphy @thirdrowtesla twitter causes id sinuation	-0.0989	0
6172	@morgan_murphy @thirdrowtesla puts our basic instincts on a roller coaster	-0.0989	0
6173	@ndrew_lawrence @thirdrowtesla 🎉🎉	-0.0989	0
6174	@kimbal !!	-0.0989	0
6175	here you go <a href="https://t.co/hjis5fbboy">https://t.co/hjis5fbboy</a> <a href="https://t.co/avnwr0lox9">https://t.co/avnwr0lox9</a>	-0.0989	0
6176	@ppathole @johnkrausphotos probably best to keep control local, but easy to check status from afar	-0.0989	0.7964
6177	@erdayastronaut @jalend25 @johnkrausphotos definitely	-0.0989	0.4019
6178	@rknapp_12 @tesla @thirdrowtesla coming soon	-0.0989	0
6179	@forumtesla ok	-0.0989	0.296
6180	@thirdrowtesla fine by me	-0.1724	0.2023
6181	@gavinnewsom cool	-0.1724	0.3182
6182	@thirdrowtesla humans drive using 2 cameras on a slow gimbal & are often distracted. a tesla with 8 cameras, radar, sonar & always being alert can definitely be superhuman.	-0.1724	0.3612
6183	@ajtourville @thirdrowtesla certainly no problem for a 144 trillion operations per second computer to make ~15 steering/acceleration/braking maneuvers per second. that's a trillion calculations between each output command.	-0.1724	-0.0772
6184	great differences in technology exist in the world about which even hardcore technologists are unaware	-0.1724	0.5106
6185	@aaronbrighton @teslaownerssv @flcnhv @thirdrowtesla ok	0.0312	0.296
6186	what is simple in one arena is often profound in another	0.0312	0
6187	@master_ov @flcnhv @thirdrowtesla good one	0.0312	0.4404
6188	@afan_mujawar .@greatdismal	0.0312	0
6189	@jsequinox essentially	0.0312	0
6190	@rationaletienne @thirdrowtesla @sofiaan @icannot_enough @hein_the_slayer @rmattila74 @28delayslater @kimbal @mowo91 @kristennetten @vincent13031925 you may return the vehicle for a full refund in the unlikely event that it causes domestic discord	0.0312	-0.4019
6191	@milostoessel @rationaletienne @thirdrowtesla @sofiaan @icannot_enough @hein_the_slayer @rmattila74 @28delayslater @kimbal @mowo91 @kristennetten @vincent13031925 in about a year. would come from giga berlin.	0.0312	0
6192	@bryanmacksc @rationaletienne @thirdrowtesla @sofiaan @icannot_enough @hein_the_slayer @rmattila74 @28delayslater @kimbal @mowo91 @kristennetten @vincent13031925 hard to predict dates right now. most likely postponed to mid may.	0.0312	-0.296
6193	@ppathole @bryanmacksc @rationaletienne @thirdrowtesla @sofiaan @icannot_enough @hein_the_slayer @rmattila74 @28delayslater @kimbal @mowo91 @kristennetten @vincent13031925 i'm not sure whether that number is lucky or unlucky	0.0312	0.6597
6194	@sofiaan @rationaletienne @thirdrowtesla @icannot_enough @hein_the_slayer @rmattila74 @28delayslater @kimbal @mowo91 @kristennetten @vincent13031925 plaid cybertruck is what i will drive	0.0312	0
6195	@chrisamirr @ppathole @bryanmacksc @rationaletienne @thirdrowtesla @sofiaan @icannot_enough @hein_the_slayer @rmattila74 @28delayslater @kimbal @mowo91 @kristennetten @vincent13031925 all input is error. when is the fan speed wrong?	0.0312	-0.5423

6196	@ppathole @bryanmacksc @rationaletienne @thirdrowtesla @sofiaan @icannot_enough @hein_the_slayer @rmattila74 @28delayslater @kimbal @mowo91 @kristennetten @vincent13031925 😊	0.0312	0
6197	@mountsinainyc @tesla you're welcome!	0.0312	0.4588
6198	@thirdrowtesla there's a bit more to it than that	0.0312	0
6199	@cleantechnica tunnels aren't required for this, but might be the only realistic way to solve for downtown to downtown travel	0.6164	0.2023
6200	@samtalkstesla @cleantechnica <del>100</del> tragedy	0.6164	-0.6597
6201	@sciguyspace spacex rockets are 80% reusable, theirs are 0%. this is the actual problem.	0.6164	-0.4019
6202	@abiyahmedali @tesla good talking to you too. it was an honor.	0.6164	0.7269
6203	@cleantechnica a lot has happened in 8 years	0.6164	0
6204	@katlinegrey @zvezdichko @sciguyspace strange, as spacex lands on land frequently. russia has very talented engineers, but they must be given reusability as goal or success is impossible.	0.6164	0.7351
6205	@darkellysio @katlinegrey @zvezdichko @sciguyspace the swivel wing design was cool. this seems like a good idea: <a href="https://t.co/aq81q9omdq">https://t.co/aq81q9omdq</a>	0.6164	0.7717
6206	@katlinegrey @zvezdichko @sciguyspace @rogosin in the future, it will be as strange to have expendable rockets as it would be to have expendable airplanes today. all will be reusable.	0.6164	-0.2023
6207	@flcnhv @thirdrowtesla particulate matter from automotive exhausts has a much more serious impact on health than most people realize	0.6164	-0.0516
6208	@thirdrowtesla yes, this is a real problem. the science is not in doubt.	0.6164	-0.3612
6209	@martytee2 @greentheonly @davidhooperr correct	0.6164	0
6210	turns out that gun is for the toilet paper <a href="https://t.co/c1aay0yzri">https://t.co/c1aay0yzri</a>	0.6164	-0.34
6211	@livingtesla @tesla it's not turned on. meant for vandalism monitoring in a robotaxi future. also, the car has transparent windows, so spying has limited value.	0.6164	0.128
6212	@ppathole @livingtesla @tesla functionality still looking good for this year. regulatory approval is the big unknown.	0.6164	0.7184
6213	@reallifestarman @engineers_feed yes	0.6164	0.4019
6214	happy easter! follow the 🐣	0.6164	0.5719
6215	@tesletter dayquil or nyquil?	0.6164	0
6216	while others party, he study the blade <a href="https://t.co/fbxedij78m">https://t.co/fbxedij78m</a>	0.6164	0.4019
6217	@jp_obrien 五輪書	0.6164	0
6218	@thirdrowtesla just battery day, but it will be great. plaid powertrain will be later this year.	0.6164	0.6249
6219	@sofiaan @thirdrowtesla there's a lot to talk about just on the battery front, so, yeah, just that. i guess we could answer some powertrain questions in q&a.	0.6164	0.296
6220	@thirdrowtesla in case it's not already obvious, our product plan is basically stolen from spaceballs	0.6164	0
6221	@ppathole @thirdrowtesla we stole that from cheetahs	0.6164	0
6222	@thirdrowtesla this will happen	0.6164	0
6223	giga berlin will have world's most advanced paint shop, with more layers of stunning colors that subtly change with curvature	-0.2195	0.25
6224	@justpaulinelol there's tough competition for that title, but we will give it our best shot!	-0.2195	0.5719
6225	@brandonbernick you will be able to wrap it in any color or pattern	-0.2195	0
6226	initial production at giga berlin is model y	-0.2195	0
6227	to be clear, fremont & shanghai will also be upgraded over time, but it's hard to retrofit these improvements to an operating paint shop	-0.2195	0.5423
6228	@sciguyspace @some1gee also, it costs less \$ to insure a falcon 9 mission. that's the acid test.	0.1714	0
6229	@thesheetztweetz @sciguyspace @some1gee last i checked, over a million dollars less. moreover, f9 is launching far more often & is only rocket fully nasa-approved for launching astronauts, so that gap is increasing.	0.1714	0.4728
6230	@davidmholtom @nu23ro @sciguyspace exactly. in mid 2009, tesla received non-binding approval for loan program actually signed into law by bush in late 2008. first actual disbursement was q2 2010, long after bk danger passed. loan was repaid early with interest. taxpayers made money on it!!	0.1714	0.4019
6231	@davidmholtom @nu23ro @sciguyspace tesla *was* saved by an investment in may 2009 from daimler, not govt. without that daimler support, tesla would have died. super appreciated!	0.1714	0.63
6232	@erdayastronaut @thesheetztweetz @sciguyspace @some1gee sorry, meant to say only us rocket. atlas v is close, but not yet 100%.	0.1714	-0.0772
6233	@robotbeat @ghotiling @cruizvinicius @josh119872 @sweetinx @votelabonte @erdayastronaut @tesla tesla actually sent out resmed, philips & medtronic units. latter is fully intratracheal. my personal opinion is that some icus are jumping the gun on intubation & setting peep & o2 too high. high pressure, pure oxygen increases risk of lung damage. <a href="https://t.co/2iuns5dpog">https://t.co/2iuns5dpog</a>	0.1714	-0.836
6234	@erdayastronaut @imatsb @thesheetztweetz @sciguyspace @some1gee yeah, atlas main engine is russian. great engine, but not us. also, their fairing is swiss. i think interstage & payload separation system also not us.	0.1714	0.743

6235	@erdayastronaut @imatsb @thesheetztweetz @sciguysspace @some1gee fundamentally, atlas is still dependent on russia to launch	0.1714	0
6236	@ppathole @robotbeat @ghotiing @cruizvinicius @josh119872 @sweetinxs @votelabonte @erdayastronaut @tesla the way things are looking right now, the world will soon be flooded with excess ventilators. even ny is giving them away!	0.1714	0.34
6237	@cabral_psyd @sivanithu @erdayastronaut @imatsb @thesheetztweetz @sciguysspace @some1gee merlin is arguably version 6 or 7 by now. it's a real workhorse, but looks so simple next to raptor!	0.1714	-0.25
6238	@tobyliiiiiiiii @cabral_psyd @sivanithu @erdayastronaut @imatsb @thesheetztweetz @sciguysspace @some1gee sn26	0.1714	0
6239	@fat_tire @kristennetten @robotbeat @ghotiing @cruizvinicius @josh119872 @sweetinxs @votelabonte @erdayastronaut @tesla vast majority of "ventilators" are not intratracheal, but, yes, jamming a pipe down a patient's throat & driving in high pressure, pure oxygen is definitely not how we evolved! my personal choice would be mask with moderate pressure at ~50% o2. <a href="https://t.co/pepvji56vg">https://t.co/pepvji56vg</a>	0.1714	0.25
6240	@sivanithu @tobyliiiiiiiii @cabral_psyd @erdayastronaut @imatsb @thesheetztweetz @sciguysspace @some1gee @rocketlab some of the small launcher activity is cool, especially @rocketlab. downsides are helicopter retrieval doesn't scale to bigger rockets & is highly weather-dependent. also, propulsive landing is needed for moon/mars. that said, it's probably right move for small leo vehicle.	0.1714	0.3182
6241	@ppathole @fat_tire @kristennetten @robotbeat @ghotiing @cruizvinicius @josh119872 @sweetinxs @votelabonte @erdayastronaut @tesla my (again) personal favorite is <a href="https://t.co/rm1mqsvsr1">https://t.co/rm1mqsvsr1</a>	0.1714	0.4588
6242	@erdayastronaut @sivanithu @tobyliiiiiiiii @cabral_psyd @imatsb @thesheetztweetz @sciguysspace @some1gee @rocketlab @peter_j_beck i have great respect for anyone who gets a rocket to orbit! it's very hard. i'm spending crazy hours on starship design/production. it is truly an honor to work with such great engineers. sn4 is almost done 😊	0.1714	0.9393
6243	@keithmansfield @erdayastronaut @sivanithu @tobyliiiiiiiii @cabral_psyd @imatsb @thesheetztweetz @sciguysspace @some1gee @rocketlab @peter_j_beck that's for sure! 🤓	0.1714	0.3182
6244	@nextspaceflight @erdayastronaut @sivanithu @tobyliiiiiiiii @cabral_psyd @imatsb @thesheetztweetz @sciguysspace @some1gee @rocketlab @peter_j_beck sn4 won't get flaps, so can only do flights with engine on. just did a reset this week on flap, actuator & static aero design. either sn5 or sn6 will get flaps.	0.1714	0
6245	@erdayastronaut @sivanithu @tobyliiiiiiiii @cabral_psyd @imatsb @thesheetztweetz @sciguysspace @some1gee @rocketlab @peter_j_beck production is by *far* the hard part. that's why i'm not super worried about early starship failures. initial serial numbers are suboptimal, so would be lawn ornaments if they survived. that said, as lawn ornaments go, they're pretty sweet ...	0.1714	0.8176
6246	@erdayastronaut @bnordhaug @sivanithu @tobyliiiiiiiii @cabral_psyd @imatsb @thesheetztweetz @sciguysspace @some1gee @rocketlab @peter_j_beck sure	0.1714	0.3182
6247	@rationaletienne @ppathole @fat_tire @kristennetten @robotbeat @ghotiing @cruizvinicius @josh119872 @sweetinxs @votelabonte @erdayastronaut @tesla does seem that early use is wise. solving late stage c19 probably requires two or three mechanisms of action.	0.1714	0.6705
6248	@bob_wachter we are hearing almost all hospital icus have excess capacity. in some cases, 60% empty.	0.1714	-0.2023
6249	@samoanpunch @cromas @bob_wachter interesting	0.1714	0.4019
6250	@bob_wachter they were, but are they currently?	0.1714	0
6251	@tjshannon87 @bob_wachter i know of two nurses who had their job offers revoked, one in nyc and one in arlington	0.1714	0
6252	@dschless @bob_wachter roughly what is the survival rate of intubated patients? i'm hearing 10% to 20%. is this overly pessimistic?	0.1714	0
6253	@flcnhv @dschless @bob_wachter sounds about right <a href="https://t.co/pepvji56vg">https://t.co/pepvji56vg</a>	0.1714	0
6254	@teslaownerssv @flcnhv @dschless @bob_wachter a mask or nose "ventilator" with moderately increased oxygen % will help. this is common in hospitals. intubation, where a tube is jammed down your throat under sedation & you're fed high pressure, pure oxygen for several days to weeks is questionable.	0.1714	0.1027
6255	"don't jump to intubation." — dr caputo <a href="https://t.co/ltpsvqozvf">https://t.co/ltpsvqozvf</a>	0.1714	0
6256	"dr. levitan advocates combining breathing support from a cpap machine or regular oxygen with comfortable positioning". yup.	0.1714	0.4019
6257	@cnn what i find most surprising is that cnn still exists	0.1714	0.2732
6258	@alandail @paulasaywhatnow @cnn exactly	0.1714	0
6259	@cnn .@gavinnewsom please fix this misunderstanding	0.1714	0.3182
6260	@cnn @gavinnewsom <a href="https://t.co/2kfhkfujh">https://t.co/2kfhkfujh</a> <a href="https://t.co/yybudl6acq">https://t.co/yybudl6acq</a>	0.1714	0
6261	@cnn @gavinnewsom <a href="https://t.co/op6l8dbf7r">https://t.co/op6l8dbf7r</a> <a href="https://t.co/hhlsznusmd">https://t.co/hhlsznusmd</a>	0.1714	0
6262	@cnn @gavinnewsom <a href="https://t.co/vqceapsecm">https://t.co/vqceapsecm</a>	0.1714	0

6263	@cnn @gavinnewsom https://t.co/qnbme1nrdz	0.1714	0
6264	@cnn @gavinnewsom https://t.co/yymcngznv8	0.1714	0
6265	@amro_alzeiq @cnn @gavinnewsom i literally have the receipts!! this is so dumb. 🤦‍♂️🤦‍♂️	0.1714	-0.5106
6266	@cnn @gavinnewsom not to mention medtronic, who makes the most advanced ventilators in the world, also affirming our help! https://t.co/ulbmrgptuc https://t.co/mkfuvsf2zh	0.1714	0.5719
6267	@admoflibertalia so true	0.1714	0.4215
6268	@naturenews interesting	0.1714	0.4019
6269	@johnkrausphotos @erdayastronaut @imatsb @thesheetztweetz @sciguyspace @some1gee all	0.1714	0
6270	@engineers_feed nice	0.1714	0.4215
6271	@mdornic @cnn perhaps you are unaware that twitter has a search function? the hospitals *themselves* acknowledged receipt of ventilators.	0.1714	-0.2023
6272	partial list of hospitals to which tesla sent ventilators https://t.co/sfi6yuubrm	0.1714	0
6273	these were based on direct requests from their icu wards, with exact specifications of each unit provided before shipment	0.1714	0
6274	@westcoastbill yeah, super messed up	-0.2714	0.5719
6275	@kimbal karma is real	-0.2714	0
6276	@mattkalin @kimbal we're working on increasing dynamic air suspension travel for better off-roading. needs to kick butt in baja.	-0.2714	0.4404
6277	@neiltyson it is about 10% too small, but lots of fun 😊	-0.2714	0.5106
6278	@teslagong @mattkalin @kimbal all new	-0.2714	0
6279	@johncrumrine @neiltyson 🤦‍♂️🤦‍♂️	-0.2714	0
6280	@jgrano305 @teslagong @mattkalin @kimbal reduced size by ~3%, center line is more level & lower window sill height	-0.2714	-0.296
6281	@kristennetten @teslagong @mattkalin @kimbal reviewing overall system with vehicle engineering team next week. should have number then.	-0.2714	0.0772
6282	@angelndevil2 @s_padival @fourthrowtesla @teslacharts it's a hard problem, mostly due to esthetics, but it's the future we should have	-0.2714	-0.4767
6283	@teslarati pretty much, although we also sent some medtronic units, which are meant for extreme situations. those require a lot of work to set up & operate. should be used sparingly. spacex is making the valve at the heart of that system.	-0.2714	0.4939
6284	good progress, but 18 years to launch our first humans is a long time. technology must advance faster or there will be no city on the red planet in our lifetime. https://t.co/uzspzffemi https://t.co/isicexqxtv	-0.2714	0.6908
6285	@erdayastronaut @dwesterster exactly	-0.2714	0
6286	@flcnhv true	-0.2714	0.4215
6287	@covellomassimo @tesla will do	-0.2714	0
6288	@erdayastronaut @dwesterster flaps, actuator & static aero are undergoing redesign for mass reduction & simplicity	-0.2714	0
6289	@erdayastronaut @dwesterster trying have fewer parts, so strakes are unlikely. some very counterintuitive cfd results in both hypersonic & subsonic regimes. starship does controlled falling more than flying.	-0.2714	-0.1531
6290	@flcnhv #cancelnewsnetwork	0.0258	0
6291	@vincent13031925 @flcnhv advertising salespeople dressed as truth tellers	0.0258	0.3182
6292	orbital human spaceflight returns to the cape in six weeks! https://t.co/ph52n1kyox	0.0258	0
6293	@teslagong @vincent13031925 @flcnhv good point. yeah, remdesivir is sounding very promising!	0.0258	0.7783
6294	@austeslaowners you're right, will fix	0.0258	0
6295	@jgrano305 @austeslaowners should be available as an in app purchase next month	0.0258	0
6296	@erdayastronaut @dwesterster similar, but seemingly small changes can have surprisingly big effects	0.0258	0.296
6297	@ppathole @xkcdcomic 🤦‍♂️🤦‍♂️	0.0258	0
6298	@michaelcanary02 @erdayastronaut @dwesterster no, oxygen header tank in nose is important to keep center of mass forward during atmospheric entry	0.0258	0.2023
6299	@bluemondance74 @michaelcanary02 @erdayastronaut @dwesterster sn5	0.0258	0
6300	@tobyliliiiiiii @michaelcanary02 @erdayastronaut @dwesterster no, as the header tanks are quite small relative to main (~30 tons vs 1200 tons). only uses very tip of the nose.	0.0258	0
6301	@bluemondance74 @michaelcanary02 @erdayastronaut @dwesterster raptor is going through many development tests. merlin is doing acceptance tests, as the design is stable. depending on how you count them, there are about 6 engine stands operating in parallel.	0.0258	0.296
6302	@af_academy you're welcome! very exciting times ahead for space.	0.0258	0.7351
6303	@marcelzimmer @parth_dhawale @tesla the way it should be!	0.0258	0
6304	@spaceforcedod @af_academy congratulations again! starfleet begins ...	0.0258	0.5994
6305	@nicegamer 🤦‍♂️🤦‍♂️	0.0258	0
6306	@ppathole @nicegamer my kids loved that one when they were little	0.0258	0.5994

6307	@flcnhv you'd think they'd at least be wikipedia-level informed about ventilators! it clearly articulates the difference between invasive & non-invasive. it's very misleading to the public to claim that only the invasive type are "real ventilators". <a href="https://t.co/whkaq9177v">https://t.co/whkaq9177v</a>	0.0258	0
6308	@flcnhv moreover, there is mounting evidence that invasive is suboptimal for covid. if they put boris johnson on mask ventilator, but *not* invasive, that tells you something! this article incorrectly conflates invasive as "ventilator", but makes many good points <a href="https://t.co/5cpq29wovu">https://t.co/5cpq29wovu</a>	0.0258	0.4404
6309	@jgrano305 probably 3 to 6 months	0.0258	0
6310	@inspaceexitrust @jgrano305 maybe 1.5% change to interior dimensions. still very roomy.	0.0258	0
6311	@whatsupfranks @flcnhv another reason reported mortality rate is overstated is that dying *with* covid is not same as dying *from* covid. media keeps reporting former, not latter.	0.0258	0
6312	@erdayastronaut i sure hope so! this will inspire the world & get people excited about the future, just as apollo did. it wasn't just that a few people went to the moon, they went there for all humankind.	0.0258	0.8834
6313	@peter_j_beck @thesheetztweetz @ulalaunch @torybruno @spacex 10% would be impressive. anything below a 20% payload hit would be outstanding.	0.0258	0.8074
6314	@teslaownerssv @erdayastronaut fully reusable orbital rocket, then orbital refilling, then mars	0.0258	0
6315	@johnny_detroit @whatsupfranks @flcnhv !!	0.0258	0
6316	@rationaletienne @teslaownerssv @erdayastronaut great platform 🚀🚀	0.0258	0.6249
6317	@erdayastronaut @teslaownerssv @nasa spacex has a lot of experience berthing & now docking with @space_station, which is very difficult. orbital refilling should in theory be easier, since starships dock with themselves & will be uncrewed at first.	0.0258	0.0772
6318	best political platform ever <a href="https://t.co/crbnfdqj4b">https://t.co/crbnfdqj4b</a>	0.0258	0.6369
6319	@erdayastronaut @bocachicagal @nasaspaceflight @spacex mechanically attached to steel studs. insulation is certainly the intention!	0.0258	0.34
6320	@alvianchoiri @erdayastronaut @bocachicagal @nasaspaceflight @spacex pretty much	0.0258	0.4939
6321	@kristennetten @thirdrowtesla @tesla this is the key paragraph <a href="https://t.co/zvtwhpvcm4">https://t.co/zvtwhpvcm4</a>	0.0258	0
6322	@teslaownerssv @kristennetten @thirdrowtesla @tesla thinking about this ...	0.0258	0
6323	@tobyliiiiiiii @kristennetten @thirdrowtesla @tesla yeah, and whole lot more! aargh, i'm dying to make cybertruck like yesterday!!	0.0258	0.5719
6324	@batflyer @tobyliiiiiiii @kristennetten @thirdrowtesla @tesla yes. it will even float for a while.	0.0258	0.4019
6325	@teslarati thanks everyone! still can't believe i was born 69 days after 4/20 😊	0.0258	0.4404
6326	@ppathole @morgan_murphy check the warranty ...	-0.5208	0
6327	@archillect red sky of mars is blue at dawn & dusk	-0.5208	0
6328	@cleantechnica crazy times!	-0.5208	-0.34
6329	@brendan2908 @cleantechnica definitely header tanks & nosecone on sn5, hopefully flaps too. definitely flaps on sn6	-0.5208	0.7964
6330	@anniew 🚀🚀	0.1750	0
6331	@ppathole @anniew am in boca working on the rocket with an awesome team, so pretty great :)	0.1750	0.9081
6332	@chrsg_nsf @nasaspaceflight good article	0.1750	0.4404
6333	@supernova_style no kidding ...	0.1750	0.1027
6334	@ppathole @supernova_style numbers i was told from wuhan were 80% to 90% mortality rate for invasive ventilators. those are not good odds.	0.1750	0.4404
6335	@jgrano305 @ppathole @supernova_style anything surprising?	0.1750	0.2732
6336	@nicegamer nice	0.1750	0.4215
6337	@thirdrowtesla @mfrunker makes sense	0.1750	0
6338	@anime_virus @flcnhv @thirdrowtesla @mfrunker if this launch succeeds, we will have put up 422 satellites ...	0.1750	0
6339	@togregto not the greatest use of money	0.1750	0.6369
6340	@togregto frankly, much of the stimulus money is questionable, but this much to oil & gas seems especially so	0.1750	-0.296
6341	@julia_bergeron @nasaspaceflight sure hope so!	0.1750	0.6369
6342	@owensparks_ @flcnhv @anime_virus @thirdrowtesla @mfrunker yes	0.1750	0.4019
6343	@erdayastronaut @flcnhv @anime_virus @thirdrowtesla @mfrunker solar panel angle during orbit raise / park. we're fixing it now.	0.1750	0
6344	@teslatino @flcnhv @anime_virus @thirdrowtesla @mfrunker @spacex it's made of a special dark foam that's extremely radio transparent, so as not to affect the phased array antennas. looks a lot like a car sun visor.	0.1750	0.6369
6345	@skorusark pretty much. we place high value on simulation too, but nothing's as weird as reality!	0.1750	0.7284
6346	@ppathole @supernova_style new york seeing same results for invasive ventilators as wuhan <a href="https://t.co/yyrjwwwx1l">https://t.co/yyrjwwwx1l</a>	-0.3161	0
6347	there are now 420 operational starlink satellites ✨😊	-0.3161	0

6348	in advance of this, please try to hack starlink & tesla mothership! <a href="https://t.co/msdv8dq2bn">https://t.co/msdv8dq2bn</a>	-0.3161	0.3182
6349	@flcnhv private beta begins in ~3 months, public beta in ~6 months, starting with high latitudes	-0.3161	0
6350	@teslaownerssv @kristennet @thirdrowtesla @tesla maybe just make joe mode quieter?	-0.3161	0
6351	@codingmark @josephvallace @teslaownerssv @kristennet @thirdrowtesla @tesla yeah, it's named after my friend joe who suggested the feature	-0.3161	0.6597
6352	@teslaownerssv @codingmark @josephvallace @kristennet @thirdrowtesla @tesla yes	-0.3161	0.4019
6353	@ravikumarpulapa @spacex yes	-0.3161	0.4019
6354	@mfrunker @teslaownerssv @codingmark @josephvallace @kristennet @thirdrowtesla @tesla coming soon	-0.3161	0
6355	@teslarati good summary	-0.3161	0.4404
6356	@erdayastronaut haha sure	-0.3161	0.6486
6357	@flcnhv @erdayastronaut yes	-0.3161	0.4019
6358	@theonion so shall we all	-0.3161	0
6359	@tgregto that is more reasonable, especially if mostly loans. oil & gas is an important industry without which civilization could not function at this time, but financial support should be proportionate to rest of economy.	-0.3161	0.5423
6360	@teslaownerssv @tgregto side camera view looks a little weird, as meant for self-driving, but will review with team. image will need a little post-processing.	-0.3161	-0.1045
6361	@jgrano305 @teslaownerssv @tgregto will talk with team. we have a lot on our plate!	-0.3161	0
6362	@westcoastbill good one	-0.3161	0.4404
6363	@psidart @tgregto i'm dying to do super efficient, quiet home hvac with hepa & water distillation. it's weird, but i really want to do it.	-0.3161	0.7645
6364	@ajtourville @psidart @tgregto maybe cybertruck will have it ...	-0.3161	0
6365	@whatsupfranks yes, same results are showing up pretty much everywhere on earth. contagion is higher in high pop density cities & mortality proportionate to age.	-0.3161	0.7096
6366	starship sn4 tank on test stand <a href="https://t.co/zn2ommp1os">https://t.co/zn2ommp1os</a>	-0.3161	0
6367	@_youhadonejob1 🚗	0.0366	0
6368	@billycrammer @flatesla @tesla 🤝	0.0366	0
6369	welcome @hiromichimizuno to the tesla board! honored to have you.	0.0366	0.7783
6370	@skorusark exactly	0.0366	0
6371	@thirdrowtesla seems so long ago	0.0366	0
6372	@thirdrowtesla hard to imagine 2030	0.0366	-0.1027
6373	the machine stops <a href="https://t.co/zfwfr7iect">https://t.co/zfwfr7iect</a>	0.0366	-0.1531
6374	@flcnhv that's hardcore	0.0366	0
6375	great questions from hack club! <a href="https://t.co/vrgaeerdvl">https://t.co/vrgaeerdvl</a>	0.4756	0.6249
6376	@vencikudev @tesla absolutely	0.4756	0
6377	@yourfavgas @vencikudev @tesla width currently limited by size of cold-roll press needed to get steel to full hard condition. bigger press will be built long-term.	0.4756	-0.3182
6378	@erdayastronaut @spacex merlin is very simple compared to raptor	0.4756	0
6379	@polyrhythmic mean time to dick is a key measure of any given human or machine intelligence system	0.4756	-0.0516
6380	mythic quest is 🚗 mttd	0.4756	0
6381	@shelbiestrykers i agree	0.4756	0.3612
6382	@alexanderbittan @shelbiestrykers yes	0.4756	0.4019
6383	@renatakonkoly yes	0.4756	0.4019
6384	@ppathole @alexanderbittan @shelbiestrykers not saying new giga will be in texas, but cybertruck will be produced there wherever it is, as fremont is at max capacity	0.4756	0
6385	@kristennet @ppathole @alexanderbittan @shelbiestrykers needs to be more than halfway to east coast	0.4756	0
6386	@dmc_ryan @renatakonkoly sure, we can probably do an update later this year	0.4756	0.3182
6387	@thirdrowtesla @cleantechnica definitely	0.4756	0.4019
6388	@jgrano305 @thirdrowtesla @cleantechnica progress is good	0.4756	0.6908
6389	@ppathole pretty much. being better than human drivers on average is not a super high standard. autonomy will probably be held to a 300% to 1000% higher safety requirement long-term.	0.4756	0.9153
6390	@jh_csquared @alexbrendel2 @erdayastronaut as usual for most things, building production system for raptor is >1000% harder than designing it	0.4756	0.2732
6391	so often true 🚗 <a href="https://t.co/qxmtdz4buf">https://t.co/qxmtdz4buf</a>	0.4756	0.4215
6392	@justpaulinelol that basically describes soc 0 vs soc 1 of our fsd computer right now. soon to change!	0.4756	0
6393	@yourfavgas @justpaulinelol no, good chance of rud (rapid unscheduled disassembly) event, but landing pad is separated from launch pad	0.4756	0.5994
6394	@cbsnewyork @aiellotv heard same from doc i trust	0.4756	0.5106

6395	@harsha_irugu 🇮🇳	0.4756	0
6396	@ppathole @cbsnewyork @aiellotv great	0.4756	0.6249
6397	@28delayslater @justpaulinelol dogecoin mode	0.4756	0
6398	@samtalkstesla @28delayslater @justpaulinelol romance mode 💋 <a href="https://t.co/nc735ssmpm">https://t.co/nc735ssmpm</a>	0.4756	0.5574
6399	sn4 passed ambient pressure test <a href="https://t.co/xw55rh6nx7">https://t.co/xw55rh6nx7</a>	0.4756	-0.296
6400	aiming for cryo pressure test tonight	0.4756	-0.296
6401	@cardoso physically ready in a few weeks. approvals may take longer.	0.4756	0.3612
6402	@ppathole @cardoso 150m	0.4756	0
6403	@nasaspaceflight it's a little dicey tbh. thrust dome is being redesigned. current one has four separate layers of steel in some places!	0.4756	0
6404	@flcnhv @nasaspaceflight yes, switching soon to a 300 series alloy with higher ductility at cryogenic temp. 301 is good as sheet, but not as plate. also, a lot of geometric changes.	0.4756	0.6808
6405	docs make good points <a href="https://t.co/wexuzpmghy">https://t.co/wexuzpmghy</a>	0.4756	0.4404
6406	@cleantechica pace of innovation is all that matters in the long run	0.4756	0.4019
6407	interesting ... <a href="https://t.co/z8sqqpt48q">https://t.co/z8sqqpt48q</a>	0.4756	0.4019
6408	@redtheraider .@officialmcafee may be 🤪 but his tweets are 💔	0.4756	0
6409	@officialmcafee true	0.4756	0.4215
6410	@legendaryenergy would be helpful to distinguish deaths caused by covid vs unrelated to covid!	0.4756	0.4215
6411	@nasa so dark out there	0.4756	0
6412	@amarsheth @agargmd @aginnt @legendaryenergy how is it considered probable if there's no covid test? is just a cough or high temperature enough?	0.4756	0
6413	cryo test underway	0.4756	0
6414	snowing in texas <a href="https://t.co/0lkwipnoph">https://t.co/0lkwipnoph</a>	0.4756	0
6415	@ansgarjohn @alandail ft is saying current death rate is extremely unusual, but you're saying 2017 was higher. which is correct? <a href="https://t.co/uci4h20oru">https://t.co/uci4h20oru</a> <a href="https://t.co/sdmaybpggv">https://t.co/sdmaybpggv</a>	0.4756	-0.5994
6416	@ethicalskeptic what do you make of the ft claims? <a href="https://t.co/uci4h20oru">https://t.co/uci4h20oru</a> <a href="https://t.co/sdmaybpggv">https://t.co/sdmaybpggv</a>	0.4756	0
6417	sn4 passed cryo proof! 🤩 <a href="https://t.co/ejakthzrgf">https://t.co/ejakthzrgf</a>	0.4756	0
6418	@spacepadreisle @spacex great work by spacex engineering!	0.4756	0.6249
6419	@janeidyeve 4.9 bar. kind of a softball tbh, but that's enough to fly!	0.4756	0.5267
6420	@harrystoltz1 @janeidyeve static fire with raptor hopefully later this week	0.4756	0.0772
6421	@flcnhv @harrystoltz1 @janeidyeve just one. sn5 will get three.	0.4756	0
6422	@brendan2908 @flcnhv @harrystoltz1 @janeidyeve yes	0.4756	0.4019
6423	@ethicalskeptic @techmass3 interesting	0.4756	0.4019
6424	@arstechnica @sciguysspace haha true. great headline. it's quite hard to have rocket test articles not explode, as they so desperately want to!	0.4756	0.8593
6425	@taraustral is oddly mesmerizing	0.4756	0
6426	@wonderofscience soon, it will be in tiktok	0.4756	0
6427	@heyfidele @ceenettech hopefully start serving africa early next year	-0.3380	0.4019
6428	silicon valley has become sanctimonious valley	-0.3380	0
6429	too much the moral arbiter of the world	-0.3380	0
6430	@ronald_samuels which isn't easy!	-0.3380	0.4404
6431	@redtheraider @tedhu @officialmcafee 💯	-0.3380	0
6432	@archillect <a href="https://t.co/tojog0dqni">https://t.co/tojog0dqni</a>	-0.0131	0
6433	give people their freedom back! <a href="https://t.co/ig8oygavz0">https://t.co/ig8oygavz0</a>	-0.0131	0.6369
6434	bravo texas! <a href="https://t.co/cvkdewrqvg">https://t.co/cvkdewrqvg</a>	-0.0131	0
6435	free america now	-0.0131	0.5106
6436	@rationaletienne yes, reopen with care & appropriate protection, but don't put everyone under de facto house arrest	-0.0131	0.7096
6437	@therightmelissa true	-0.0131	0.4215
6438	@randyfineto bon voyage	-0.7048	0
6439	@skorusark yes	-0.7048	0.4019
6440	@flcnhv @rationaletienne very sensible	-0.7048	0
6441	@kimbal bravo @govofco!	-0.7048	0
6442	hospitals in california have been half empty this whole time <a href="https://t.co/8gl2blypqv">https://t.co/8gl2blypqv</a>	-0.7048	-0.2023
6443	actual data reference chhs <a href="https://t.co/q7c7708ozx">https://t.co/q7c7708ozx</a>	-0.7048	0
6444	@greggoodfried yes!	-0.7048	0.4019
6445	california hhs server crashed. maybe it has covid. <a href="https://t.co/egkdpmgbak">https://t.co/egkdpmgbak</a>	-0.7048	0
6446	why forced isolation is bad <a href="https://t.co/c2xccrsx1c">https://t.co/c2xccrsx1c</a>	-0.7048	-0.7579
6447	@stingofsweden @gfilche sweden is sensible	-0.7048	0
6448	@mattmedl sound reasoning	-0.7048	0
6449	@way2_savage @vtechp @feng_tweet @bradeggerton @enn_naflaus @speculawyer you don't say ...	-0.7048	0

6450	classifying all deaths as corona even if corona didn't cause the death is simply a lie https://t.co/r1sgzcf546	-0.7048	-0.5994
6451	this is misleading to the public	-0.7048	-0.4019
6452	@openai ai makes more progress	-0.7048	0.4215
6453	@jamesokeefeiii this needs to stop	-0.6024	-0.296
6454	@the_unleashd @casper5803 @coherentstates well said	-0.6024	0.2732
6455	@gerberkawasaki exactly	-0.6024	0
6456	@miniladdd you got it!	-0.6024	0
6457	@ap4liberty what is real any more	-0.6024	0
6458	@sciguysspace starship is making good progress	-0.6024	0.6908
6459	@ppathole @ap4liberty incentives matter	-0.6024	0.34
6460	i am selling almost all physical possessions. will own no house.	-0.6024	0
6461	tesla stock price is too high imo	-0.6024	0
6462	now give people back their freedom	-0.6024	0.6369
6463	and the rocket's red glare, the bombs bursting in air	-0.6024	0
6464	oh, say does that star-spangled banner yet wave	-0.6024	0
6465	o'er the land of the free and the home of the brave?	-0.6024	0.7717
6466	@_coffee4closers @jon_stocks92 exactly. how cheaply freedom is sold.	-0.6024	0.6369
6467	rage, rage against the dying of the light of consciousness	-0.6024	-0.802
6468	just one stipulation on sale: i own gene wilder's old house. it cannot be torn down or lose any its soul.	-0.6024	-0.4019
6469	my gf @grimezzs is mad at me	-0.6024	-0.4939
6470	@kulpatibility don't need the cash. devoting myself to mars and earth. possession just weigh you down.	-0.6024	0
6471	@o2supremevermin @grimezzs baby due on monday	-0.6024	0
6472	@alfzeta 	0.4964	0
6473	@nfdguy as always, i am optimistic about tesla long-term	0.4964	0.3182
6474	@guillotineluv bring it on	0.4964	0
6475	@rationaletienne @alfzeta there will be no mars if we let them take our freedom away	0.4964	0.6369
6476	@johnkleese reality is its own parrot parody	0.4964	0
6477	@bitcoin  	0.4964	0
6478	@theonion 	0.4964	0
6479	@bitcoin how much for some anime bitcoin? https://t.co/itqrslnfcnbc	0.4964	0
6480	@teslarati we're going to try landing starship on the moon with enough propellant to return to earth	0.4964	0
6481	@grimezzs haha	0.4964	0.4588
6482	@ppathole @grimezzs hopefully in a few days	0.4964	0.4019
6483	@engineers_feed @spacex @space_station @nasa @commercial_crew @astrobehnken @astro_doug even королёв would agree	0.4964	0.3612
6484	@themodestrose @officialjlipper exactly	0.4964	0
6485	@themodestrose @officialjlipper are we still free? are we still brave? hell yeah!!	0.4964	0.5106
6486	@merguezpoulet freedom	0.4964	0.6369
6487	@thirdrowtesla pretty much	0.4964	0.4939
6488	@flcnhv very much so	0.4964	0
6489	@biogirl09 @thirdrowtesla @grimezzs sure, thanks :)	0.4964	0.6369
6490	@biogirl09 @thirdrowtesla @grimezzs rocket rd, hawthorne ca 90250	0.4964	0
6491	@ericweinstein  	0.4964	0
6492	one of the all-time best songs https://t.co/ivi7iogmaa	0.4964	0.6369
6493	@michaelss227 i don't want to set the world on fire by the ink spots	0.4964	-0.2732
6494	@kaanalingilamo what excites you about 2030?	0.4964	0
6495	@cleantchnica pretty much	0.4964	0.4939
6496	minecraft has amazing legs	0.4964	0.5859
6497	anyone think they can get a good multiplayer minecraft working on teslas? or maybe create a game that interacts virtually with reality like pokémon go while driving safely? like a complex version of pac-man or mario kart?	0.4964	0.9042
6498	@kristennetten a little. will have 31 engines, not 37, no big fins and legs similar to ship. that thrust dome is the super hard part. raptor sl thrust starts at 200 ton, but upgrades in the works for 250 ton.	0.4964	0.5423
6499	@tobyliliiiiiii @kristennetten yes, about a month away from testing raptor vacuum	0.4964	0.4019
6500	@thirdrowtesla ok, we will	0.4964	0.296
6501	well said, lord sumption, well said! https://t.co/cfcveaz5cm	0.4964	0.4939
6502	@rustybret online	0.4964	0
6503	@blazingtorchic_ who is running this lame collection of bots & trolls anyway? try harder! i'm an engineer, knucklehead. just do "business" on the side.	0.4964	-0.4215

6504	@blazingtorchic_exactly	0.4964	0
6505	@sciguyspace !!	0.4964	0
6506	@harrystoltz1 @sciguyspace 🤪	0.4964	0
6507	@ppathole @blazingtorchic_excuse me, that's mr. bizznizz 🤦. where's the respek!? 🤬	0.4964	0.0772
6508	@erdayastronaut @sciguyspace what's troubling is that this doesn't get humanity a base on the moon or even a small crewed mars mission	0.4964	0
6509	@vincent13031925 @blazingtorchic_true 🤬	0.4964	0.4215
6510	sn4 🚀 soon. raptor looks so smōl. <a href="https://t.co/wcmdo6watj">https://t.co/wcmdo6watj</a>	0.4964	0
6511	@nasaspaceflight commentary is quite entertaining! mst3k	0.4964	0.4927
6512	@nasaspaceflight thanks!	0.4964	0.4404
6513	@teslatino @erdayastronaut @nasaspaceflight mostly accurate. liquid ch4 temp got too high this time. offloading propellant. will we retry later today.	0.4964	0
6514	@nasaspaceflight @teslatino @erdayastronaut it seems unlikely right now	0.4964	0
6515	@erdayastronaut @sciguyspace i hope anything lands	0.4964	0.4404
6516	@cleantechica weird that epa would deny this. we have precise car logs that confirm it happened. happy to provide them.	0.4964	0.4588
6517	@cleantechica anyway, we're just talking about 2% here, so not much. confident model s will get 400+ miles as soon as retest is allowed.	0.4964	0.4939
6518	@gaelic_neilson a few hours away!	0.4964	0
6519	@priscillabanana x æ a-12 musk	-0.2960	0
6520	@ppathole @priscillabanana boy	-0.2960	0
6521	@teslagong @ppathole @priscillabanana <a href="https://t.co/chk0scuixp">https://t.co/chk0scuixp</a>	-0.2960	0
6522	@jason @teslagong @ppathole @priscillabanana thanks :) never too young for some ink haha	-0.2960	0.1078
6523	@picklepunchd @jason @teslagong @ppathole @priscillabanana nope. thanks!	-0.2960	-0.3412
6524	@alexberenson @neil_ferguson what a tool	-0.2960	0
6525	@alexberenson @neil_ferguson thanks! something more should be done. this guy has caused massive strife to the world with his absurdly fake "science".	-0.2960	-0.0516
6526	@josh schoen @alexberenson @neil_ferguson utter moron	-0.2960	0
6527	@slashdot important to distinguish died with covid vs died because of covid. also, distinguish between tested positive for covid or only had symptoms.	-0.2960	-0.4215
6528	@martinvars @gavinnewsom levitt rocks	-0.0499	0
6529	@teslaownerssv @slashdot yeah, definitely a future feature	-0.0499	0.5994
6530	@subeiwoo @josh schoen @alexberenson @neil_ferguson this is false. jd's team put out "video evidence", but conveniently excluded the date stamp, as it was well after jd & ah had separated.	-0.0499	0.2732
6531	@whatsupfranks @alemd2 @slashdot @nygovcuomo that would be awesome	-0.0499	0.6249
6532	@enn_nafnlaus @tmornini @bouncygulag @param86330798 @grimezs dke in a nutshell: we're almost always dumber than we think we are	-0.0499	-0.3008
6533	@gfilche @tesla there are many pieces to the puzzle	-0.0499	0
6534	@jimbridenstine @tomcruise @space_station @nasa should be a lot of fun!	-0.0499	0.5106
6535	@laurabockov @subeiwoo @josh schoen @alexberenson @neil_ferguson there would be time-stamped video if this were true	-0.0499	0.4215
6536	@mygrindelwald @laurabockov @subeiwoo @josh schoen @alexberenson @neil_ferguson this person is wrong. why does jd want to believe he got cucked so bad anyway!?	-0.0499	-0.743
6537	@gaelic_neilson happy, healthy & cute as a button :)	-0.0499	0.8555
6538	starship sn4 passed static fire	-0.0499	-0.34
6539	@andestrino it's true, the pressure bulkheads are too pointy	-0.0499	0.1531
6540	what's wild is that super heavy will have 31 raptor engines in same space!	-0.0499	0.5994
6541	@bluemondance74 @mycroft16 @labpadre @spacex hopefully so	-0.0499	0.4019
6542	@andestrino possibly even flatter!	-0.0499	0
6543	@bocachicamaria1 thanks maria ❤	-0.0499	0.4404
6544	@truth_tesla @flabellina212 @bouncygulag @tmornini @param86330798 @grimezs not to mention <a href="https://t.co/ljjcd7bagx!">https://t.co/ljjcd7bagx!</a>	-0.0499	0
6545	@grimezs sr-71, but yes	-0.0499	0.4019
6546	@grimezs archangel-12 <a href="https://t.co/s9g69su1ju">https://t.co/s9g69su1ju</a>	-0.0499	0
6547	@flcnhv @grimezs yeah, but stopped doing physically risky things after the kids were born	-0.0499	-0.128
6548	@ppathole @truth_tesla @flabellina212 @bouncygulag @tmornini @param86330798 @grimezs orange you glad it's not entomology?	-0.0499	0.4588
6549	@28delayslater @ppathole @truth_tesla @flabellina212 @bouncygulag @tmornini @param86330798 @grimezs i mean, this does seem like a time for dad jokes ... 🤬	-0.0499	0.5423
6550	wishing good vibes for all in 2nd half 2020	-0.0499	0.4404
6551	@grimezs u r a powerful 🙏	-0.0499	0.4215
6552	@inspaceit trust @space_station @tesla @spacex @commercial_crew that was the whole company back then. grew organically from a simple mariachi party in el segundo.	-0.0499	0.4019

6553	@bbcsciencenews yes	-0.0792	0.4019
6554	@picklepunchd @bbcsciencenews good for them! about half the us will be mostly open by this weekend.	-0.0792	0.4404
6555	@thirdrowtesla tesla & spacex are the top two destinations for engineers, because you can have the most fun creating kickass technology! that's why.	-0.0792	0.743
6556	@ppathole @inspacexitrust @space_station @tesla @spacex @commercial_crew 2008 was a super tough year on all levels	-0.0792	0.5267
6557	@thirdrowtesla his son sounds great btw	-0.0792	0.6249
6558	@geekwire not spacex	-0.0792	0
6559	@yoavoffek yes. static fire feeding from fuel header vs main tank.	-0.0792	0.0772
6560	@thirdrowtesla @yoavoffek turns on city street intersections is the big one	-0.0792	0
6561	@erdayastronaut @yoavoffek flare stack flamed out. in a few weeks we'll be recondensing methane using solar power, so no flare stack.	-0.0792	0
6562	@erdayastronaut @farrier_nyker @geetpurohit3 @yoavoffek yes, converts co2 & h2o to ch4 & o2. perfect for mars! <a href="https://t.co/wf9aggee12">https://t.co/wf9aggee12</a>	-0.0792	0.7506
6563	@erdayastronaut @yoavoffek in this case, just chilling the gas back to liquid	-0.0792	0
6564	@ppathole @erdayastronaut @farrier_nyker @geetpurohit3 @yoavoffek looks about right. ice mining/refining on mars & maximizing total system efficiency will be hard. co2 is easy, as mars atmosphere is mostly that. also has good amount of n2, which is important for life.	-0.0792	0.8271
6565	@flcnhv @thirdrowtesla @yoavoffek roundabouts no problem, but dodging distracted human drivers very tricky!	-0.0792	-0.6908
6566	@nasaspaceflight it's so tragic that these engines just crash into the ocean every flight	-0.0792	-0.6908
6567	@abauerle5 a great mystery of the universe	-0.0792	0.6249
6568	@flcnhv @nasaspaceflight yeah, although hydrogen is not a great choice for a booster engine	-0.0792	0.743
6569	@whatsupfranks @nasaspaceflight no, they will be smashed beyond repair & corroded	-0.0792	0
6570	@erdayastronaut @elonharith @flcnhv @nasaspaceflight sls makes me feel sad	-0.0792	-0.4767
6571	@erdayastronaut @valkyriebaron11 @flcnhv @nasaspaceflight a fully & rapidly reusable orbital rocket is fundamental to extending life beyond earth. propellant cost is roughly a 1000th of vehicle cost (unless using a foolish propellant). same principle as cars, planes, boats, etc.	-0.0792	-0.2732
6572	@gavinnewsom yeah!!	0.1215	0.296
6573	@evafoxu @tesla way more important than it sounds	0.1215	0.2023
6574	@johnnaaaaaaaaaaa @evafoxu @tesla sure :)	0.1215	0.3182
6575	@johnnaaaaaaaaaaa @evafoxu @tesla it will only work for higher latitudes (seattle) at first, then get progressively closer to the equator	0.1215	0
6576	@teslatino peak rate of about half that for version 1 is about right, but heavily dependent on users per cell. aiming for latency under 20 ms.	0.1215	0
6577	@clay_ellis @tesla yes	0.1215	0.4019
6578	@godmiller1 @johnnaaaaaaaaaaa @evafoxu @tesla would cover latitude of london	0.1215	0
6579	@vincent13031925 @joerogan franz and i do have absurdly similar tastes 🎶	0.1215	0
6580	@teslaownerssv @vincent13031925 @joerogan probably makes sense to have a "details" section of the app that mirrors everything in the car. would also allow phone to be used in lieu of car screen if car screen faults for any reason.	0.1215	0.2263
6581	@andrewfosterwa1 @killasarg @erdayastronaut @elonharith @flcnhv @nasaspaceflight true	0.1215	0.4215
6582	@clairlemon @quillette a mandatory tracing app would be insane	0.1215	-0.4019
6583	@kristennetten @lexfridman @joerogan 🎶	0.1215	0
6584	@flcnhv @erdayastronaut @valkyriebaron11 @nasaspaceflight starship + super heavy propellant mass is 4800 tons (78% o2 & 22% ch4). i think we can get propellant cost down to ~\$100/ton in volume, so ~\$500k/flight. with high flight rate, probably below \$1.5m fully burdened cost for 150 tons to orbit or ~\$10/kg.	0.1215	0.5994
6585	@flcnhv @erdayastronaut @valkyriebaron11 @nasaspaceflight would be about 10 times that cost for payload to surface of mars	0.1215	0
6586	@raytech247 @flcnhv @erdayastronaut @valkyriebaron11 @nasaspaceflight yes, mostly because you can use the ship every week going to the moon instead of every two years for mars (best case)	0.1215	0.7845
6587	@flcnhv to be clear, i do think finance & law are important, but too many smart people in the us go into those fields. also, too many mbas.	0.1215	0.7269
6588	@sspencer_smb @flcnhv it's not all about engineering, although that is my personal favorite. striving to make products or provide services in excess of what you consume is the noble goal.	0.1215	0.4588
6589	@mayemusk !	0.1215	0
6590	@thirdrowtesla @mayemusk ok	0.1215	0.296
6591	@ivanescobosa @thirdrowtesla @mayemusk that's harder than it sounds. will check with team.	0.1215	0
6592	@kristennetten @thirdrowtesla @mayemusk teslas automatically maintain their internal temperature to within safe limits in case a pet or child is left in the car	0.1215	0.4404

6593	@officialapod @joerogan pain can certainly be turned off, but we're not sure what the best initial test case (max goodness for least risk to patient) would be quite yet	0.1215	0.856
6594	@johnnaaaaaaaaaa @kristennetten @thirdrowtesla @mayemusk operating on a prime directive of crash avoidance, it could automatically intervene when crash probability is approaching 100%	0.1215	-0.7964
6595	@thirdrowtesla @erdayastronaut @mayemusk yes, this is a high priority	0.1215	0.4019
6596	@erdayastronaut @thirdrowtesla @mayemusk coming soon	0.1215	0
6597	@joshmanuel it's true	0.0793	0.4215
6598	@thesheetztweetz @spacex @uscg @portcanaveral glad we could help	0.0793	0.6908
6599	once again, i must recommend https://t.co/7xelswhdzd https://t.co/p72c2ucphv	0.0793	0.3612
6600	@sara_boutall @28delayslater @kristennetten @renatakonkoly @johnnaaaaaaaaaa @michaelgalanin @physicsastrono9 @fermatslibrary @mastronomers @engineers_feed turns out hobbits are enormous	0.0793	0
6601	half a 🚗, philosophically, must ipso facto half not 🚗	0.0793	0
6602	@engineers_feed b-nut 🚗	0.0793	0
6603	@mattduplessis no, i have a license!	0.0793	0
6604	@gerberkawasaki @thirdrowtesla tesla is filing a lawsuit against alameda county immediately. the unelected & ignorant "interim health officer" of alameda is acting contrary to the governor, the president, our constitutional freedoms & just plain common sense!	0.0793	0
6605	@gerberkawasaki @thirdrowtesla frankly, this is the final straw. tesla will now move its hq and future programs to texas/nevada immediately. if we even retain fremont manufacturing activity at all, it will be dependen on how tesla is treated in the future. tesla is the last carmaker left in ca.	0.0793	0
6606	@sjvtesla @gerberkawasaki @thirdrowtesla san joaquin county, right next door to alameda, has been sensible & reasonable, whereas alameda has been irrational & detached from reality. our castings foundry and other faculties in san joaquin have been working 24/7 this entire time with no ill effects. same with giga nevada.	0.0793	-0.6369
6607	@everydayelon @sjvtesla @gerberkawasaki @thirdrowtesla absolutely, please do! you should be allowed to recoup damages from the county.	0.0793	0.3804
6608	@kristirjensen @everydayelon @sjvtesla @gerberkawasaki @thirdrowtesla exactly! tesla knows far more about what needs to be done to be safe through our tesla china factory experience than an (unelected) interim junior official in alameda county.	0.0793	0.4404
6609	@flcnhy @gerberkawasaki @thirdrowtesla yes	0.0793	0.4019
6610	@teslaownersebay @gerberkawasaki @thirdrowtesla yes, already done	0.0793	0.4019
6611	@teslaownerssv @gerberkawasaki @thirdrowtesla please voice your disagreement as strongly as possible with @alamedacounty	0.0793	0.5267
6612	@vincent13031925 @gerberkawasaki @thirdrowtesla absolutely	0.0793	0
6613	@teslaownerssv @gerberkawasaki @thirdrowtesla @alamedacounty thanks mayor mei! https://t.co/yfjsgd3emp	0.0793	0.4404
6614	@adrianfine @tesla @cityofpaloalto much appreciated, mayor fine!	0.0793	0.6249
6615	@thirdrowtesla @tesla @alamedacounty @acsosheriffs @dare2bwell i'm not messing around. absurd & medically irrational behavior in violation of constitutional civil liberties, moreover by *unelected* county officials with no accountability, needs to stop.	0.0793	-0.5574
6616	@rbreich идиот	0.0793	0
6617	@rbreich sorry	0.0793	-0.0772
6618	@rbreich meant to say скучный идиот	0.0793	0
6619	@mayemusk @grimezzs @christianamusk 💔 u mom	0.0793	0
6620	@teslaownerssv @mayemusk @grimezzs @christianamusk q t 3.14	0.0793	0
6621	@flcnhy @alamedacounty @tesla exactly	0.0793	0
6622	@cleantechnica pretty much	0.0793	0.4939
6623	@worldandscience we are a pattern of atoms	0.0793	0
6624	@legendaryenergy he is right	0.0793	0
6625	@govkemp georgia lifted lockdown 15 days ago	0.0793	0
6626	@teslatested @legendaryenergy absolutely. moreover, they don't even need to be tested for covid, just need "covid-like symptoms", which is a long list, including "feeling weakness". hard to die *without* feeling weakness!	0.0793	-0.7506
6627	@univercurious they were amazing	0.0793	0.5859
6628	@tppear10 @legendaryenergy sheriff bianco rocks!	0.0793	0
6629	@thirdrowtesla this thread summarizes situation perfectly	0.0793	0
6630	@lorenasgonzalez message received	0.0793	0
6631	happy mother's day to other mothers!! @grimezzs 💔 💔 💔 https://t.co/jftutsrmfb	0.0793	0.5719
6632	@ppathole @lorenasgonzalez @tesla absolutely	0.0793	0
6633	@universal_sci @joerogan for real	0.0793	0
6634	thanks for the cool suggestions 😊 💔 🎉 more fun coming to your tesla soon! https://t.co/qnug6krhm5	0.0793	0.8176

6635	@americanmaltese we should do this	0.0793	0
6636	@ppathole that would be great	0.0793	0.6249
6637	@brandontsla yes	0.0793	0.4019
6638	@thirdrowtesla good summary	0.0793	0.4404
6639	@flcnhvvy @grimezz babies rock ❤️	0.0793	0
6640	@thirdrowtesla yes, this is insane	0.0793	0
6641	@thirdrowtesla @lorenasgonzalez interesting	0.0793	0.4019
6642	@hidalgocounty @judgecortez @govabbott @tesla @john_jwitt note is much appreciated	0.0793	0.5106
6643	@ebookbooster zork with ai dungeon master	0.0793	0
6644	@chillmichelle @tesla yes, california approved, but an unelected county official illegally overrode. also, all other auto companies in us are approved to resume. only tesla has been singled out. this is super messed up!	0.0793	0.8689
6645	tesla is restarting production today against alameda county rules. i will be on the line with everyone else. if anyone is arrested, i ask that it only be me.	0.0793	0
6646	@thehill don't mislead the public. state said yes, an unelected county official is the problem. tesla factory in adjacent san joaquin county is fully operational.	-0.2536	0
6647	@flcnhvvy @thehill @gavinnewsom exactly	-0.2536	0
6648	@alandail haggerty actually admitted to nyt that he told his staff to "slow down" tesla for reasons that had nothing to do with health. unreal ...	-0.2536	0.1027
6649	that's pretty much what happened <a href="https://t.co/5enzgt20q7">https://t.co/5enzgt20q7</a>	-0.2536	0.4939
6650	@teslaownerssv much appreciated!	-0.2536	0.5106
6651	@kenjennings all other car companies are allowed to manufacture *except* tesla, you knucklehead. no wonder you got crushed by a computer the size of a pizza box.	-0.2536	-0.4215
6652	@ppathole 🚫	-0.2536	0
6653	@johnnaaaaaaaaaaa wow, great writing!	-0.2536	0.836
6654	@wolvessuperfan great	-0.2536	0.6249
6655	@archillect lil baby	-0.2536	0
6656	@sara_boutall @renatakonkoly @johnnaaaaaaaaaaa @michaelgalanin @romanhistory1 @engineers_feed @kristennetten 🚫 ❤️	-0.2536	0
6657	@alexberenson it appears that what he is saying is untrue	-0.2536	0
6658	@crusade4change @realdonaldtrump those who always disagree have a closed mind ... but, by their very nature, that won't sink in (sigh)	-0.2536	-0.3612
6659	@flcnhvvy @erdayastronaut @jack this is getting annoying. honestly, i'm not sure it's even helping their scam!	-0.2536	-0.4404
6660	@nicegamer @crusade4change @realdonaldtrump personally, i think we should <a href="https://t.co/kfui7w9vtu">https://t.co/kfui7w9vtu</a>	-0.3594	0
6661	@darktionary @alexberenson @barnes_law @facebook best group on fb by far	-0.3594	0.6369
6662	@flcnhvvy for sure ❤️	-0.3594	0.3182
6663	@ppathole @flcnhvvy tolkien rocks	-0.3594	0
6664	@teslaownerssv buca	-0.3594	0
6665	life should be lived	-0.3594	0
6666	@jaredpolis @tesla @kimbal hi jared, colorado is great! i think your policies make a lot of sense.	-0.3594	0.6249
6667	<a href="https://t.co/lgwpswtrj7">https://t.co/lgwpswtrj7</a>	-0.3594	0
6668	@sciguyspace cost-plus contracting is the devil	-0.3594	-0.6597
6669	@jeff2serenity @sciguyspace yes	-0.3594	0.4019
6670	@sciguyspace said another way, falcon heavy has 2/3 thrust of saturn v. starship/super heavy will have double thrust of saturn v.	-0.3594	0.5994
6671	@macodiseas @lunakerrigan @sciguyspace exactly!	-0.3594	0
6672	@rosileseddie @thirdrowtesla @acsosheriffs @gavinnewsom the custom styling some of the team is doing over their masks is really cool!	-0.3594	0.3804
6673	super exciting day coming up! <a href="https://t.co/7zdfsje9zr">https://t.co/7zdfsje9zr</a>	0.1047	0.7964
6674	@torybruno @sciguyspace fair point	0.1047	0.3182
6675	@an_open_mind @jvincent facebook sucks	0.1047	-0.3612
6676	top marx <a href="https://t.co/gwg7hxioiv">https://t.co/gwg7hxioiv</a>	0.1047	0.2023
6677	tesla supercharger usage by region <a href="https://t.co/1y2zl2jizt">https://t.co/1y2zl2jizt</a>	0.1047	0
6678	@teslainventory thanks for adding!	-0.0266	0.4404
6679	@jpr007 exactly	-0.0266	0
6680	@jl0v1n9tOn @jpr007 yes	-0.0266	0.4019
6681	@alexberenson @nytimes exactly	-0.0266	0
6682	@stoolpresidente well said! please run for office. the politicians & unelected bureaucrats who stole our liberty should be tarred, feathered & thrown out of town!	-0.0266	0.5267
6683	@thezencorner @stoolpresidente the statistics stopped being valid when anyone with "covid symptoms", which is now almost anything, was counted as having covid	-0.0266	-0.2263

6684	@flcnhv absolutely. tesla already went through this in china with 7000 employees. zero fatalities or serious illnesses.	-0.0266	-0.5423
6685	@flcnhv spacex has 8000 employees in california, washington, texas & florida. operating this entire time, as we have national security exemption. zero deaths or serious illnesses.	-0.0266	-0.2732
6686	@codingmark @resistmonsters @thezencorner @stoolpresidente exactly	-0.0266	0
6687	in his 18th brumaire essay (in which he does make some good points), marx famously said history repeats itself, first as tragedy, then as farce. this is now ironically happening with marxism.	-0.0266	-0.3612
6688	boring company completes 2nd vegas tunnel <a href="https://t.co/13hy3toj">https://t.co/13hy3toj</a>	-0.0266	-0.3182
6689	@nichegamer 🎮🎮 along with several guillotine death threats!	-0.0266	-0.7717
6690	@vistacruiser7 @flcnhv very much agree!	-0.0266	0.3612
6691	@mmelinot that would be cool!	-0.0266	0.3182
6692	@reidarsundy @thezencorner @stoolpresidente this is happening a lot	-0.0266	0
6693	@tallestOne probably sooner	-0.0266	0
6694	@devonwerkharder capitalism already has many fetters in the form of a plethora of regulatory bodies! i'm definitely against any monopolies/oligopolies where there is a low forcing function for improving customer happiness or an unpriced externality that consumes a common good (eg emissions).	-0.0266	0.872
6695	@ylecun @an_open_mind @jvincent fair point, pytorch is great!	-0.0266	0.7506
6696	@adamdavidhalsey @devonwerkharder seriously, big candy is suppressing r&d! when's the last time you heard of a great new candy bar?	-0.0266	0.5267
6697	@antontonchev77 @sciguyspace true (sigh)	-0.0266	0.4404
6698	@ppathole @stoolpresidente hospitals are going bankrupt for lack of patients <a href="https://t.co/wfew0owsgp">https://t.co/wfew0owsgp</a>	-0.0266	-0.7096
6699	@newsweek i said run for office, not president (sigh). who even owns newsweek these days? i lost track.	-0.0266	-0.296
6700	@oh_gee_man famous last words	-0.0266	0
6701	@lavvphotography @newsweek it's next-level for sure. reality is getting weird fast.	-0.0266	0.1531
6702	@crystaloftruth @newsweek more or less crazy than reality itself?	-0.0266	-0.2748
6703	@crystaloftruth @newsweek still am	-0.0266	0
6704	it's remarkable how often the news attempts to answer the question: what is the worst thing that happened on earth today? <a href="https://t.co/rp43kvlfsl">https://t.co/rp43kvlfsl</a>	-0.0266	-0.128
6705	@jonnajarian yes, improvement is exponential	-0.0266	0.6908
6706	@daniellefong @thieverycorpd totally. collective mind control by stoking fear.	-0.0266	-0.4939
6707	@akidesir @daniellefong @thieverycorpd a few weeks away	-0.0266	0
6708	@davidmainayar napoleon was incredible. "it is my wish that my ashes may repose on the banks of the seine, in the midst of the french people, whom i have loved so well."	-0.0266	0.8271
6709	@flcnhv great wiki piece!	-0.0266	0.6249
6710	@flcnhv true	-0.0266	0.4215
6711	@koro_alex @peoplespartisan @orangemangood11 @sendasspicz @tanthalas @marcusmaximus04 maximize the freedom of action of the people	-0.0266	0.6369
6712	@ppathole @adamdavidhalsey @devonwerkharder making great candy is harder than it seems!	-0.0266	0.6249
6713	@gfilche @flcnhv agreed, people have forgotten how much in-person events matter! also, there's a lot to see. it's not just a presentation.	-0.0266	0.296
6714	@kimbal true	-0.0266	0.4215
6715	@prageru pretty much	-0.0266	0.4939
6716	@jk_rowling pretty much, although massive currency issuance by govt central banks is making bitcoin internet 💰 money look solid by comparison	-0.2243	0.5859
6717	@jk_rowling i still only own 0.25 bitcoins btw	-0.2243	0
6718	@jeff_foust no problem	-0.2243	-0.4019
6719	take the red pill 🧟	-0.2243	0
6720	@ppathole one of my fav matrix memes 🎮🎮	-0.2243	0.4588
6721	@cmoiclem_ @ppathole maybe today if we're lucky	-0.2243	0.4215
6722	@flcnhv @bluemoondance74 @jeff_foust great. just sleeps & eats, overall pretty chill.	-0.2243	0.8074
6723	tesla full self-driving option cost rises by ~\$1000 worldwide on july 1st. order a tesla online in less than 2 minutes at <a href="https://t.co/qjm9upbcx5">https://t.co/qjm9upbcx5</a>	-0.1662	0
6724	the fsd price will continue to rise as the software gets closer to full self-driving capability with regulatory approval. at that point, the value of fsd is probably somewhere in excess of \$100,000.	-0.1662	0.6705
6725	@goombaguts yes	-0.1662	0.4019
6726	@erdayastronaut @melraex @bnordhaug @jmaasy @caspar_stanley @derek33197785 @aerojamesc 🎮🎮	-0.1662	0
6727	cancel cancel culture!	-0.1662	-0.4588
6728	@schtibb @vabvox exactly	-0.1662	0
6729	@nichegamer ❤️	-0.1662	0

6730	more fun, less shun!	-0.1662	0.5106
6731	@rationaletienne i am ... openly moderate	-0.1662	0
6732	@flcnhv true	-0.1468	0.4215
6733	@erdayastronaut @spacex @nasa @astro_doug @astrobehnken astronauts to orbit next week!	-0.0052	0
6734	@hackclub cool group	-0.0052	0.3182
6735	@janeidyeve sure	-0.0052	0.3182
6736	@commercial_crew @astrobehnken @astro_doug culmination of a truly incredible amount of work by @spacex & @nasa engineering, along with support of all international @space_station countries	-0.1497	0.6808
6737	@whatsupfranks @spacex mission control at the cape	-0.1497	0
6738	@sciguyspace i'm a big fan of kathy lueders!	-0.1497	0.3182
6739	@cybrtrkguy @28delayslater @whatsupfranks @spacex jay *really* knows cars! next-level.	-0.1497	0
6740	@erdayastronaut @whatsupfranks @spacex sure	-0.1497	0.3182
6741	@realclearnews worth reading	-0.2358	0.2263
6742	@realclearnews good question <a href="https://t.co/8jpu98xfu7">https://t.co/8jpu98xfu7</a>	-0.2358	0.4404
6743	@lexfridman @spacex @nasa thanks lex!	-0.2358	0.4404
6744	dragon dawn <a href="https://t.co/mz1ezu5gso">https://t.co/mz1ezu5gso</a>	-0.2358	0
6745	@flcnhv i sure hope so!	-0.2358	0.6369
6746	@emrekelly 😊	-0.2358	0
6747	@samtalkstesla @rationaletienne @thirdrowtesla @wholemarslog @28delayslater @vincent13031925 @teslaownerssv haha true	-0.2358	0.7003
6748	@rachael_joy feels so long ago	-0.1100	0
6749	@sciguyspace @chrisg_nsf yeah, atlantic weather review tomorrow morning will determine if we can launch	-0.1100	0.296
6750	sunset <a href="https://t.co/fplhlqvujg">https://t.co/fplhlqvujg</a>	-0.1100	0
6751	<a href="https://t.co/mmhstxyxnx">https://t.co/mmhstxyxnx</a>	-0.1100	0
6752	@spacex @tristaneaton human kind	-0.1709	0.5267
6753	@vincent13031925 more superchargers coming soon!	0.1225	0
6754	@erdayastronaut @vincent13031925 we slowed down a bit to allow supercharger v3 production to get going, but now will speed up!	0.1225	0.2263
6755	@cleantechnica worth noting that, as of jan 1, tesla buyers no longer received any federal tax credit. model 3 led despite this disadvantage.	0.1225	0.5423
6756	@fermatslibrary yes	0.2225	0.4019
6757	@commercial_crew @nasa @spacex proceeding with countdown today, weather cancellation risk ~50%	0.2225	-0.2732
6758	@engineers_feed falcon/dragon are designed to withstand multiple lightning strikes, but we don't think it would be wise to take this risk	0.2225	-0.128
6759	5 mins to t-0	0.2225	0
6760	@nasa @spacex @astrobehnken @astro_doug @space_station dragonship endeavor	0.2225	0
6761	dragon docks with @space_station in ~3 hours <a href="https://t.co/mxgrr4xuxs">https://t.co/mxgrr4xuxs</a>	0.2225	0
6762	@teslatedtested probably	0.2225	0
6763	@teslagong @teslatedtested sure	0.2225	0.3182
6764	@rogozin @spacex @jimbridenstine @roscosmos @nasa спасибо, сэр, ха-ха. мы рассчитываем на взаимовыгодное и процветающее долгосрочное сотрудничество. - elon	0.2225	0
6765	@nasaspaceflight brought home by same person who placed it there almost a decade ago	0.2225	0
6766	@nasaspaceflight must be due to relativistic aging 😊	0.2225	0
6767	nine years later <a href="https://t.co/cs1lbpln2n">https://t.co/cs1lbpln2n</a>	0.2225	0
6768	@scale_banana @engineers_feed where's the banana!?	0.2225	0
6769	@djkeyway definitely not right that the other officers were charged with nothing. what message does this send in general to officers who stand by while another does wrong? #justiceforgeorge	0.2225	-0.296
6770	@mharrisonair well said	0.2225	0.2732
6771	off twitter for a while	-0.2075	0
6772	@sciguyspace so many war stories over 18 eventful years! but starship can make life multiplanetary, which is what really matters for safeguarding the light of consciousness & life as we know it. 100x improvement over falcon/dragon.	-0.3053	-0.1298
6773	@alexberenson this is insane @jeffbezos	-0.3053	-0.4019
6774	@alexberenson @jeffbezos time to break up amazon. monopolies are wrong!	-0.3053	-0.4767
6775	@cam5442 @flatjannrickles @alexberenson @jeffbezos @jack @twitter jack is doing his best. i support him.	-0.3053	0.7845
6776	@flcnhv @spacex @nasa wow, hard to believe that was 10 years ago!	-0.3053	0.5267
6777	@flcnhv @jbw29pitt @ppathole about a dozen transfer windows, so ~25 years	-0.0423	0
6778	@martian_will @flcnhv @jbw29pitt @ppathole yes	-0.0423	0.4019

6779	tesla model y review by dan neil <a href="https://t.co/3os85ufaar">https://t.co/3os85ufaar</a>	0.1309	0
6780	order a tesla online in 2 mins at <a href="https://t.co/46txqrssdr">https://t.co/46txqrssdr</a>	0.1309	0
6781	@ppathole good point haha	0.1309	0.7096
6782	this will probably get me into trouble, but i feel i have to say it	0.1309	-0.4019
6783	selling weed literally went from major felony to essential business (open during pandemic) in much of america & yet many are still in prison. doesn't make sense, isn't right.	0.1309	0
6784	the gerontocracy is out of touch with the people	0.1309	0
6785	@codingmark i guess more people need to get more involved in the party primaries (which is a chore)	0.1309	0.4019
6786	@akidesir thursday	0.1309	0
6787	@mkbhd big line at the barbershop	0.1309	0
6788	starship production complex boca chica, texas <a href="https://t.co/pd4ka93bv5">https://t.co/pd4ka93bv5</a>	0.1309	0
6789	@nasaspaceflight giant high bay coming soon	0.1309	0
6790	@nasaspaceflight yeah, for super heavy stacking	0.1309	0.7269
6791	@rspacex @spacex spacex software ama	0.1309	0
6792	@flcnhv @ppathole @rspacex @spacex haha true	0.1309	0.7003
6793	@alvianchoiri @timmerenginerd @kulability @nasaspaceflight 3600 tons of propellant, almost 80% of which is densified liquid oxygen	0.1309	0
6794	@renatakonkoly @flcnhv @ppathole @rspacex @spacex lot has happened since then!	0.1309	0
6795	gateway to mars	0.1309	0
6796	@nextspaceflight @alvianchoiri @timmerenginerd @kulability @nasaspaceflight pursuing all three. hard to say right now.	0.1309	-0.1027
6797	@erdayastronaut it's insane	0.1309	-0.4019
6798	@erdayastronaut @flcnhv @nasaspaceflight yeah. even stacking on the pad will be quite an adventure!	0.1309	0.296
6799	@erdayastronaut @nasaspaceflight 81m	0.1309	0
6800	@engineers_feed and those who weren't expecting a ternary joke	0.1309	0.296
6801	@emmerichvideo @tesla good point	0.1309	0.4404
6802	stankonia at <a href="https://t.co/ljjcd7bagx">https://t.co/ljjcd7bagx</a>	0.1309	0
6803	@ppathole @tesla autopilot prime directive is: don't crash. what seems fast to humans is slow to a computer. 360 degree low light vision & sonar, plus forward radar enable to be superhuman. upcoming software upgrades will increasingly show the potential.	0.1309	-0.4215
6804	@lance210 🚀	0.1309	0
6805	@jimbridenstine @commercial_crew @nasa outcome-based contracting with multiple competitors is vastly better than cost-plus (especially if sole-sourced), as the former rewards results & latter rewards waste. outcome contracting should be applied broadly within government. the difference in results will be incredible.	0.1309	0.0258
6806	@erdayastronaut absolutely	0.1309	0
6807	@erdayastronaut forward thrusters are to stabilize ship when landing in high winds. if goal is max payload to moon per ship, no heatshield or flaps or big gas thruster packs are needed. no need to bring early ships back. they can serve as part of moon base alpha.	0.1309	0
6808	@chriswarriner @flcnhv bad incentive structure	-0.0998	-0.25
6809	@xkcdcomic sure seems that way 🤦‍♂️	-0.0998	0.3182
6810	@univercurious size matters	-0.0998	0.0258
6811	@gerberkawasaki @tesla (formerly) mainstream media has systemic negative & political bias about almost everything. reading major newspapers makes you feel sad & angry. that's why they're being crushed by @joerogan. likes/retweets of old media are extremely low. ironic article: <a href="https://t.co/78uftw0p6t">https://t.co/78uftw0p6t</a>	0.1294	-0.8852
6812	@icannot_enough @gerberkawasaki @tesla @joerogan yes	0.1294	0.4019
6813	@flcnhv @gerberkawasaki @tesla @joerogan good point!	0.1294	0.4404
6814	@flcnhv @gerberkawasaki @tesla @joerogan maybe i should retweet the top four or five point. what caught your eye the most?	0.1294	0.2023
6815	@jgrano305 @icannot_enough @gerberkawasaki @tesla @joerogan we shall see ...	0.1294	0
6816	wort reading the whole thing <a href="https://t.co/4lyav7kis4">https://t.co/4lyav7kis4</a>	0.1294	0
6817	@sciguysspace quite a piece! i should credit soviet/russian engine work in the 80's as being a factor in deciding to switch from h2 to ch4. they demonstrated excellent performance on test stands, with isp up to 380 secs.	0.1294	0.7635
6818	@sciguysspace combined with spacex deep subcooling of propellants to near liquefaction temp of n2, use of common dome (ch4 & o2 liquid at similar temps) & higher t/w of engines enables de facto higher delta-v than an h2/o2 stage	0.1294	0
6819	@venus47203379 @engineers_feed haha. will post summary.	0.1294	0.4588

6820	posting tesla impact report, this time with summary points & charts in my reply tweets <a href="https://t.co/4lyav7kis4">https://t.co/4lyav7kis4</a>	0.1294	0
6821	<a href="https://t.co/qpwga1rk8z">https://t.co/qpwga1rk8z</a>	0.1294	0
6822	electric cars produce *much* less co2 than fossil fuel cars, taking both electricity emission & vehicle production into account <a href="https://t.co/tsk9txgw67">https://t.co/tsk9txgw67</a>	0.1294	0
6823	moreover, energy produced by tesla solar deployments far exceeds energy used in our factories <a href="https://t.co/idqf5gweft">https://t.co/idqf5gweft</a>	0.1294	0.4939
6824	tesla batteries are lasting much longer than 200k miles / 320k km <a href="https://t.co/z882nf6yv9">https://t.co/z882nf6yv9</a>	0.1294	0
6825	after which they are recycled <a href="https://t.co/xuu1ohdz52">https://t.co/xuu1ohdz52</a>	0.1294	0
6826	@erdayastronaut @sciguysspace important technical note: due to higher o/f of ch4 vs rp1 (oxygen is dense) & significant density increase of subcooled ch4 (plus no common dome insulation needed), plus cryo strength bump of ch4, tank mass of ch4/o2 stage is almost same as rp1/o2.	0.1294	0.7964
6827	@john_gardi @sciguysspace also, insulation of a deep cryogen( which i'd call anything that liquifies nitrogen aka 78% of air) is heavy & prone to heat leaks. h2 is hell.	0.1294	-0.6808
6828	@nickwijngaards @erdayastronaut @sciguysspace hundreds of improvements in manufacturability primarily (this is by far the hardest problem), mass down, thrust up, isp up. current improvement list continues past sn50. as the saying goes, it's 1% inspiration & 99% perspiration ...	0.1294	0.7184
6829	@thesheetztweetz @spacex @commercial_crew @astrobehnken @astro_doug @ingallsimages @nasakennedy 💕 the laser beam long exposure shots	0.1294	0
6830	@engineers_feed wow	0.1294	0.5859
6831	@erdayastronaut @nickwijngaards @sciguysspace sure. that's long montage 🎶🎶	0.1294	0.3182
6832	@jamesryrell actually, we're on sn30 for raptor	0.1294	0
6833	@jack great point. many articles are retweeted based on headlines that don't match the content.	-0.2274	0.6249
6834	@ophiltrry très boucher	-0.2274	0
6835	@pandabfr @ophiltrry agreed	-0.2274	0.2732
6836	@teslatruckclub worth considering	-0.2274	0.2263
6837	@realanishpai renewable energy passed coal in april <a href="https://t.co/1krctygnfn9">https://t.co/1krctygnfn9</a>	-0.2274	0.2732
6838	@mrkylefield @cleantechnica exactly, fuel cells = fool sells	-0.2274	-0.4404
6839	@rhodanazanin1 @abc7 @nbcla @cbsla it's getting biblical	-0.2274	0
6840	@ppathole @mrkylefield @cleantechnica i got the fuel cell question about 8000 times	-0.2274	0
6841	@blue_bnd @olenamuliarchuk @ppathole @mrkylefield @cleantechnica staggeringly dumb	-0.2274	-0.5106
6842	@physorg_com @nature @scireports i thought this was an onion article	-0.2274	0
6843	@olenamuliarchuk @mrkylefield @cleantechnica battery industry is world champion at bs. "lithium-ion" doesn't really mean anything. what matters is cathode & anode material. there are many choices, but nickel cathode with carbon-silicon anode works great.	-0.2274	0.8542
6844	@tobyliliiiiiii @physorg_com @nature @scireports true	-0.2274	0.4215
6845	@erdayastronaut @i_gvf @sciguysspace exactly. chartering a dedicated 747 flight around the world costs less than buying a small, single engine turboprop plane. in the same way, a giant reusable rocket flight is way cheaper than a tiny expendable rocket that can be used only once.	-0.2274	0.4588
6846	lol	-0.2274	0.4215
6847	@engineers_feed stonks	-0.2274	0
6848	@justpaulinelol @engineers_feed as foretold by <a href="https://t.co/ljjcd7bagx">https://t.co/ljjcd7bagx</a>	-0.2274	0
6849	@mcot2222 @olenamuliarchuk @mrkylefield @cleantechnica acceptable, if your drivetrain is very efficient & you add a little manga	-0.2274	0.6249
6850	@jimbridenstine @nasa congratulations kathy!	0.4530	0.5994
6851	@michaelnardone4 @futurejurvetson @spaceXstarlink @spacex around 20ms. it's designed to run real-time, competitive video games. version 2, which is at lower altitude could be as low as 8ms latency.	0.4530	-0.3818
6852	@vlives23 @loopedbuffalo @michaelnardone4 @futurejurvetson @spaceXstarlink @spacex sure	0.4530	0.3182
6853	@skysira @joshcohen @tokren1 @andrew81947993 @fatemperor @markchangizi @gordon_dyce @dvdclstn @not_far_enough @daphnaredliner @mlevitt_np2013 accurate	0.4530	0
6854	@sciguysspace that's the goal. there a few known weak points on this test tank, probably capable of more pressure. the second test tank to follow shortly has addressed the weak points.	0.4530	-0.6597
6855	@tobyliliiiiiii @sciguysspace yes	0.4530	0.4019
6856	@peter_j_beck @torybruno @starlinksat223 @erdayastronaut yeah. merlin, using a single pintle injector with cold, liquid propellant, needs a longer chamber than raptor, which uses a large number of coaxial injectors, despite merlin being less than half thrust. propellant enters raptor chamber as hot gas that's already mixed.	-0.3103	0.3612
6857	@sciguysspace tank didn't burst, but leaked at 7.6 bar. this is a good result & supports idea of 304l stainless being better than 301. we're developing our own alloy to take this even further. leak before burst is highly desirable.	-0.3103	0.2732

6858	@mad_maelstrom @peter_j_beck @torybruno @starlinksat223 @erdayastronaut throttling is done by adjusting flow to the ox and fuel preburners. the lower limit of thrust is ox & fuel turbopump injector preburner "stiffness", essentially when do the preburner elements start flaming out.	-0.3103	-0.296
6859	@vitalvegas looking likely	-0.3103	0
6860	@flcnhv absolutely	-0.3103	0
6861	tesla model s now first ever electric vehicle to receive epa range rating above 400 miles! <a href="https://t.co/eotwvfhs5">https://t.co/eotwvfhs5</a>	-0.3103	0
6862	all model s cars made since late jan have 402 mile range. this is just making it official.	-0.3103	0
6863	@jgold310 coming soon	-0.3103	0
6864	@zjasko physics doesn't care about politicians	-0.3103	0.4939
6865	@cleantechnica cool	-0.3103	0.3182
6866	@tesla_peter @t0mmmyr actually, we've made slight changes, but the range improvement is >90% efficiency	-0.3103	0.765
6867	@teslarati no larger pack model 3 is in development	-0.3103	0
6868	@teslarati or y	-0.3103	0
6869	@physorg_com @ubcnews @aas_publishing so where are the aliens?	-0.3103	0
6870	@teslarati fairing reuse is looking good	-0.3103	0.4404
6871	@labpadre no problem, we can buff it out	-0.3103	-0.4019
6872	@labpadre maybe some flextape	-0.3103	0
6873	@agoleid illuminaughty haha	-0.3103	0.4588
6874	@russ_parrish pretty much	-0.3103	0.4939
6875	@21aeax us law requires at least a green card to be hired at spacex, as rockets are considered advanced weapons technology	-0.3103	0.25
6876	@yarlp directionally correct, but zenith is an order of magnitude smaller than starship system & doesn't come back & land	-0.3103	0
6877	@flcnhv there will be many test flights before commercial passengers are carried. first earth to earth test flights might be in 2 or 3 years.	-0.3103	0
6878	@cisoml @erdayastronaut @russ_parrish maybe incat <a href="https://t.co/qhbjcmocfg">https://t.co/qhbjcmocfg</a>	-0.3103	0
6879	@westcoastbill it will be real	-0.0758	0
6880	@nyyscorekeep not sure. they're pretty close together.	-0.0758	0.6705
6881	@michaelaokla comes standard with cybertruck	-0.0980	0
6882	@cleantechnica renewable energy is happening fast	-0.0980	0.2732
6883	@teslarati tesla has an option to purchase this land, but has not exercised it	-0.0980	0
6884	@teslaownerssv @teslarati we are considering several options	-0.1868	0
6885	@teslaphx @tesla 🚀🚀	-0.1868	0
6886	@michaelaokla @holy_schnitt <a href="https://t.co/tub8htz4sz">https://t.co/tub8htz4sz</a>	-0.1868	0
6887	@cleantechnica confirmed	-0.1868	0
6888	@katriniadivina @teslaphx @tesla opening in about two weeks	-0.1868	0
6889	@evafoxu @tesla moving fast	-0.1868	0
6890	@ppathole it does require use of a paid-time-off day, which is true of many other holidays	-0.1868	0.6597
6891	@kristennetten @cleantechnica yes, but we will have to postpone annual shareholder meeting, as still no large gatherings allowed by july 7th. not sure of new date, but am guessing maybe a month or so later.	-0.1441	0.4767
6892	@teslaownerssv @kristennetten @cleantechnica probably good to combine them, since they are converging in time. i'm hopeful we can announce a date after the july 4th week.	-0.1441	0.4404
6893	@flcnhv @teslaownerssv @kristennetten @cleantechnica probably fremont	-0.1441	0
6894	@coreyba95130768 @nasaspaceflight @erdayastronaut it will look a little odd	-0.1441	-0.2516
6895	@daniellefong @ppathole we will add one more pto day after the annual review next quarter	-0.1441	0
6896	@artifactshub @engineeringvids nice	-0.1441	0.4215
6897	@ppathole @tesla pulling up to the petersen	-0.1441	0
6898	@flcnhv feels so long ago	-0.1441	0
6899	@aikatchu @tesla cool, lmk what we can do to improve the product, especially vehicle software/firmware, app & overall interaction with tesla, as these changes can immediately improve the entire fleet	-0.1441	0.7964
6900	@cleantechnica tesla should really be thought of as roughly a dozen technology startups, many of which have little to no correlation with traditional automotive companies	-0.1441	0
6901	@cleantechnica for example, we created a chip design team from scratch for the tesla full self-driving computer, which is not something car companies do	-0.1441	0.25
6902	@cleantechnica the was not to outcompete other companies, but rather to maximize usefulness & rate of progress in the absolute	-0.1441	0.4215
6903	@mkbhd bought based on your review. it's great!	-0.1441	0.6249
6904	@mattie Rogers @aikatchu @tesla we could probably make a fun punch (click) buggy game, with extra points for rare teslas	-0.1441	0.5106

6905	@teslaownerssv @mattie Rogers @aikatchu @tesla maybe, will look into it. we'd need to emulate a tv.	-0.1441	0
6906	@thegledinator @teslaownerssv @mattie Rogers @aikatchu @tesla haha teslas all the way down	-0.1441	0.4588
6907	@flash_titans just us being fools, but free supercharging forever is not coming back to any vehicles. it's not a good incentive structure.	-0.1441	0.8271
6908	@uhaveanygrapes @flash_titans this does sound excessive. will look into it.	-0.1441	0
6909	@jgrano305 @uhaveanygrapes @flash_titans this would be a good time to upgrade to fsd, as it goes up by \$1k on july 1. we could make it \$7k to upgrade to fsd until july 1 (even if you don't have basic autopilot). does that sound good?	-0.1441	0.7003
6910	@tslacybertruck @jgrano305 @uhaveanygrapes @flash_titans there will be a subscription, but it will be economically better to have bought fsd	-0.1441	0.4404
6911	@u110110 @flcnhv @mkbhd haha sure	-0.1441	0.6486
6912	@whatsupfranks @flcnhv @mkbhd will do. i play pc, so missed some of console exclusives.	-0.1441	0.0516
6913	@ihearttesla @jgrano305 @uhaveanygrapes @flash_titans sure	-0.1441	0.3182
6914	@blkmdl3 @jgrano305 @uhaveanygrapes @flash_titans will follow up by tomorrow	-0.1441	0
6915	@teslaownerssv @blkmdl3 @jgrano305 @uhaveanygrapes @flash_titans all good	-0.1441	0.4404
6916	@r_j_b_123 best definition of innovation i've ever heard	-0.1441	0.7783
6917	if heat death is the end of the universe, it really is all about the journey	-0.1441	-0.5994
6918	@ppathole @r_j_b_123 yes	-0.1441	0.4019
6919	mars is my souldog	-0.1441	0
6920	@octeslaclub agreed, although best is no out of service stalls	-0.1441	0.743
6921	@flcnhv that's how she likes it ...	-0.1441	0.4215
6922	we must pass the great filter	-0.1441	0.6249
6923	tesla bioweapon defense mode <a href="https://t.co/48s5d3zqo0">https://t.co/48s5d3zqo0</a>	-0.1441	0.128
6924	that is our purpose	-0.1441	0
6925	@rshramik luck is the best superpower	-0.1441	0.802
6926	@vikassaini075 yes	-0.1441	0.4019
6927	@jacobbello tc there are no signs of intelligent life	-0.1441	0
6928	@vincent13031925 @flcnhv @mkbhd probably early q4	-0.1441	0
6929	@ppathole entirely possible. social media is a limbic amplifier, which inherently destabilizes civilization.	-0.1441	0
6930	@austinbarnard45 all patched up!	-0.1441	0
6931	enabling basic tesla autopilot via tesla in-app purchase is reduced to \$2k until july 1	-0.1441	0
6932	reminder that tesla full self-driving (fsd) price goes up by \$1k on july 1st	-0.1441	0
6933	@blkmdl3 @jgrano305 @uhaveanygrapes @flash_titans done. now \$2k via in-app purchase.	-0.1441	0
6934	@teslaownersebay yes	-0.1441	0.4019
6935	@teslaownersebay yes	-0.1441	0.4019
6936	@ehcau will be changed to \$3k until july 1st	-0.0844	0
6937	@nytimes very much disagree with this action. in my experience, these skillsets are net job creators. visa reform makes sense, but this is too broad.	-0.0844	-0.3818
6938	@toscamusk congratulations!	-0.0844	0.5994
6939	@ppathole timing is uncertain, given externalities, but yes	-0.3389	0.128
6940	@eu_bike @teslalondon takes longer to get regulatory approvals in europe, plus way more diverse traffic signs, lights & road rules	-0.3389	0
6941	@joeltelling @kurz_gesagt well said by @kurz_gesagt	-0.3389	0.2732
6942	@austinbarnard45 @fael097 september sounds about right	-0.3389	0
6943	@peternowak canada is a major priority for starlink!	0.1279	0
6944	@langdon @peternowak yes, although starlink works best for low population density situations	0.1279	0.7003
6945	@simon_hypixel @peternowak yes, it is designed to serve the least-served	0.1279	0.4019
6946	apologies to tesla customers for shifting delivery dates. it's a crazy world out there!	0.1279	-0.34
6947	@erdayastronaut ok	0.1279	0.296
6948	two starship tanks in the midbay <a href="https://t.co/qj2v882woc">https://t.co/qj2v882woc</a>	0.1279	0
6949	@ford could be slightly faster	0.1279	0
6950	@blue_bnd @tomabbottdavies1 @tesla @thirdrowtesla @teslaownerssv @teslapodcast @teslaownersww @teslaownersuk @model3owners looks pretty cool	0.1279	0.6705
6951	@flcnhv @ford exactly! a carbon tax is needed to correct the unpriced externality & market will do the rest. the consequences of slow action are serious. in my opinion, we need to convert >80% of the global road, sea & air fleet to renewables by 2050.	0.1279	0.2023
6952	@lulusdave @tesla glad you're ok	-0.3513	0.6369
6953	@cybertruckn i think we could make that work	-0.3513	0
6954	north american supercharger usage tracking to exceed pre covid highs in 2 to 3 weeks. lot of noise out there. this is signal. <a href="https://t.co/pcc5dltha">https://t.co/pcc5dltha</a>	-0.3513	0

6955	@blkmdl3 coming soon	-0.3513	0
6956	@hentesla true	-0.3513	0.4215
6957	@teslaownerssv very meta, but yes	-0.3513	0.4019
6958	only a matter of time before someone steals a tesla while playing gta on a tesla	-0.3513	0.2263
6959	literally	-0.3513	0
6960	@its_menieb 🚗⚡	-0.3513	0
6961	<a href="https://t.co/e9dpkvsjl">https://t.co/e9dpkvsjl</a>	-0.3513	0
6962	who controls the memes, controls the universe	-0.3513	0
6963	@thebabylonbee @vagn_henning great idea	-0.3513	0.6249
6964	@vincent13031925 @teslaroadtrip glad you like it!	-0.3513	0.6705
6965	@space_mog this makes no sense for many other reasons too. they don't actually have spectrum priority, they have shared spectrum & nothing about this company is uk, except post office box. money would be better spent on actual uk satellite industry!	-0.3513	0.6486
6966	@sciguysspace it's close though 😊	-0.3513	0
6967	.@jeffbezos is a copy 🤦‍♂️ haha <a href="https://t.co/plr7uupqbg">https://t.co/plr7uupqbg</a>	-0.3513	0.4588
6968	@teslarati giga berlin is gonna rock!	-0.3513	0
6969	@flcnhv @teslarati absolutely!	-0.3513	0
6970	@samtalkstesla jay is awesome	-0.3513	0.6249
6971	@slashdot @lexfridman @twitter @verified verified should be far more widespread, simply that someone is who they claim to be	0.1868	0
6972	@cathiedwood for sure	0.1868	0.3182
6973	@blkmdl3 major supercharger increases are underway for the greater la area	0.1868	0.3612
6974	@gerberkawasaki @barronsonline physics favors electric transport, batteries for stationary storage & solar/wind for energy generation	0.1868	0.2732
6975	69 days after 4/20 again haha	0.1868	0.4588
6976	@neiltyson dogs rock	0.1868	0
6977	great model y review by @jayleno <a href="https://t.co/dzs7eugwp">https://t.co/dzs7eugwp</a>	0.1868	0.6249
6978	btw, tesla actually receives *least* subsidies of any automaker in us. federal tax credit applies to other automaker evs, but no longer tesla.	0.1868	0.3818
6979	@geekwire there are a ridiculous number of false positive c19 tests, in some cases ~50%. false positives scale linearly with # of tests. this is a big part of why c19 positive tests are going up while hospitalizations & mortality are declining. anyone who tests positive should retest.	0.1868	0.9186
6980	@geekwire <a href="https://t.co/mlh6baqfet">https://t.co/mlh6baqfet</a>	0.1868	0
6981	@garrett_watts @_tomcross_ @tesla @petersen_museum cybertruck does feel like cgi irl	0.1868	0.3612
6982	@chrisdungeon true	0.4052	0.4215
6983	@28delayslater @geekwire good hygiene always makes sense	0.4052	0.4404
6984	@berniceking @jack @michaeldtubbs @andrewyang very much agree	0.4052	0.3612
6985	@kimbal there are a lot of c19 false positives messing up the numbers. even tests with 5% false positive rate (in *field*, not lab) would show up as ~17 million fake c19 cases even if there were actually none.	0.4052	0.5994
6986	@whatsupfranks @kimbal levitt is right	0.4052	0
6987	@cosmicninja goat @_cosmicninja @whatsupfranks @kimbal if accurate, this would explain a lot	0.1321	0
6988	@justin_hart @brittmayjasper this bill needs to be revoked. it gives absurd power to county bureaucrats.	0.1321	0
6989	your gps just got slightly better <a href="https://t.co/xsblusinxu">https://t.co/xsblusinxu</a>	0.1321	0.3832
6990	@rationaletienne @timothybuffett @whatsupfranks @kimbal extremely big difference between died because of or died with. also, did the person actually have c19 or did they just have c19 symptoms? it's almost impossible to die without feeling weakness, shortness of breath or other c19 symptoms, unless you were crushed by a falling piano.	0.1321	-0.9298
6991	@kyle_papili fixing	0.1321	0
6992	@evafoxu party on ...	0.1321	0.4019
6993	@teslagong @evafoxu worth discussing at annual shareholders meeting	0.1321	0.2263
6994	@kaepora starlink will provide global coverage	0.1321	0
6995	@tasmaniac83 yes	0.1321	0.4019
6996	@bbcsciencenews likely true	0.1321	0.4215
6997	@ppathole @bbcsciencenews things often don't translate from mice to humans, but that's promising	0.1321	0.4019
6998	tesla impact report (repost). we do everything humanly possible to source materials & produce sustainable energy cars, batteries & solar ethically. suggestions for improvement are always appreciated.  <a href="https://t.co/wcemmj44um">https://t.co/wcemmj44um</a>	0.1321	0.8126

6999	@bipulh all questions will be answered on battery day, sept 15th. will be webcast, although there is much to see in person.	0.1321	0
7000	@govstitt @tesla wow, i've never seen this level of support! out of respect, seems like i should at least visit.	-0.1781	0.7988
7001	@picklepunchd @renatakonkoly @bipulh you just have to be a shareholder. there is limited space, so sign up fast when we do final confirmation of date & location.	-0.1781	-0.2263
7002	@renatakonkoly @bipulh aiming for 10km with lots of turns to better approximate a real-world tunnel	-0.1781	0.4404
7003	@modernnotoriety @kanyewest hell of a decade	-0.1781	-0.6808
7004	@kanyewest haha awesome 🎉🎉	-0.1781	0.7964
7005	@romanhistory1 @hardcorehistory crassus was a dick	-0.1781	-0.5106
7006	@wholemarsblog @romanhistory1 @hardcorehistory going well. team is kicking ass & it's an honor to work with them. pretty much everything had to be rewritten, including our labeling software, so that it's fundamentally "3d" at every step from training through inference.	-0.1781	0.6124
7007	@teslaownersebay @wholemarsblog @romanhistory1 @hardcorehistory a lot of functionality will happen all at once when we transition to the new software stack. most likely, it will be releasable in 2 to 4 months. then it's a question of what functionality is proven safe enough to enable for owners.	-0.1781	0.4404
7008	@louisbotelho17 @romanhistory1 @hardcorehistory 🎉🎉 very true	-0.1781	0.4215
7009	@ethicalskeptic seems fishy	-0.1781	0
7010	@tlowdon @daniellevitt22 as you'd expect, this has resulted in a proportionately very high number of c19 false positives. field test reliability we are seeing is best case 5%, worst case 50% false positive. much worse than lab accuracy.	-0.1781	0.6486
7011	@samtalkstesla @tlowdon @daniellevitt22 in principle, i think synthetic rna (and dna) has amazing potential. this basically makes the solution to many diseases a software problem.	-0.1781	0.5267
7012	@samtalkstesla @tlowdon @daniellevitt22 tesla, as a side project, is building rna microfactories for curevac & possibly others	-0.1781	0
7013	@kristennetten @samtalkstesla @tlowdon @daniellevitt22 yes, at tesla grohmann	-0.1781	0.4019
7014	@truth_tesla @bipulh lithium is common. hard part is turning lithium salt or clay into extremely pure lioh.	-0.1781	-0.1027
7015	@williamshatner @vitalikbuterin @ethereum @mattereum i'm not building anything on ethereum. not for or against it, just don't use it or own any.	-0.1781	0
7016	@hot_rod_co @angie_rasmussen yes, angela, please show us the graphs/data that prove your point	-0.1781	0.6124
7017	@hot_rod_co @angie_rasmussen here's one: <a href="https://t.co/9ujxclfcg">https://t.co/9ujxclfcg</a>	-0.1781	0
7018	@hot_rod_co something's messed up about medicine that's anti-science. in science, you question everyone, no matter who they are. facts & reasoning are everything, but in medicine too much emphasis is on credentials, often by people who've accomplished nothing but a phd thesis used by no one.	-0.1781	-0.5574
7019	@ppathole @tlowdon @daniellevitt22 yup	-0.1781	0
7020	@eugenelee3 @teslarati i tried to warn them ... 😳	-0.1781	0
7021	@angie_rasmussen @hot_rod_co you cherry-picked one state out of fifty, which saw a minor uptick. show the whole country.	-0.1781	0
7022	@angie_rasmussen @hot_rod_co bs <a href="https://t.co/1koqeh5mvf">https://t.co/1koqeh5mvf</a>	-0.1781	0
7023	@jbnielsen1985 @angie_rasmussen @hot_rod_co thank you. angie ...	-0.1781	0.3612
7024	@pcgamer awesome!!	-0.1781	0.6249
7025	who wears short shorts? 🎉🎉	-0.1781	0
7026	@mantovanni those dang budgie smugglers!!	-0.1781	0
7027	@907xcp @wsbconsensus yes	-0.1781	0.4019
7028	@terribletrader_great interview 🎉🎉	-0.1781	0.6249
7029	tesla will make fabulous short shorts in radiant red satin with gold trim	-0.1781	0
7030	@partyp74 busted! i secretly ❤️ short shorts.	-0.1781	0
7031	@leroyspankin he wore them well. no denying it.	-0.1781	0.2732
7032	@rationaletienne i worried we won't be taken seriously if our short shorts have flames 🎉🎉	-0.1781	-0.4404
7033	@karee70091349 should have a free trade agreement with us. no tariffs at all either way.	-0.1781	0.5106
7034	will send some to the shortseller enrichment commission to comfort them through these difficult times	-0.1781	0
7035	sec, three letter acronym, middle word is elon's	-0.1781	0
7036	@gerberkawasaki but sooo satisfying	-0.1781	0.4588
7037	@samtalkstesla not bad	-0.1781	-0.5423
7038	@caranddriver thank goodness! front license plates make my eyes bleed.	-0.1781	0.6705
7039	@kimbal we're seeing field false positives much higher than lab false positives, in range of 5% to 10%. article says testing went from 100k to 600k, which means a 6-fold increase in false positives. my guess is most cases, especially "no symptoms", are false positives.	0.4156	0.9423
7040	@teslaownerssv @kimbal deaths continue to trend down <a href="https://t.co/fsznwkvs1h">https://t.co/fsznwkvs1h</a>	0.4156	0

7041	@teslatedested @teslaownerssv @kimal there's that too. deaths should be broken out as died with vs died of.	0.4156	-0.8834
7042	@lockl34r @tesla unfortunately, there are thousands of automotive design rule differences between us & eu, including completely different charge ports. gets worse every year. not our choice.	0.4156	-0.6705
7043	@everydayelon @teslatedested @teslaownerssv @kimal hcl appears to be effective when used early <a href="https://t.co/d27stax48l">https://t.co/d27stax48l</a>	0.4156	0.4767
7044	@teslaownerssv @flcnhv @rationaletienne @chrish7985 @rlyrlsrydave coming soon	0.4156	0
7045	@freshjiva @flcnhv @rationaletienne @chrish7985 @rlyrlsrydave good point, we don't	0.4156	0.4404
7046	@everydayelon @barringtonamy @teslatedested @teslaownerssv @kimal interesting	0.4156	0.4019
7047	@evafoxu @tesla others will probably pass human trials first, but this machine is pretty special for generalized vaccine production. was originally intended for rabies, which is a very tricky virus.	0.4156	0.6486
7048	@wholemarsblog @tesla_truth greenspan is crackers, bananas, barky & ten cards short of a full deck	0.4156	0
7049	@justinahorwitz she photobombed me at a vanity fair oscar party. was there with @talulahriley. don't know ghislaine at all. why do you think it should be a bigger story?	0.4156	0.6124
7050	@readcoal @supernautilcal @flcnhv @rationaletienne @chrish7985 @rlyrlsrydave this is false. i landed in montreal at age 17 with \$2000, a backpack of clothes & suitcase of books. my father is bankrupt & has been for a long time. i inherited literally nothing from him. <a href="https://t.co/m63njikkw2">https://t.co/m63njikkw2</a>	0.4156	-0.5574
7051	@govstitt @tesla @bearagencygroup @signal_factory thanks for hosting me in tulsa today!	0.4156	0.4404
7052	@jordanconroy 🎉🎉	0.4156	0
7053	@vistacruiser7 @lexi4prez @rationaletienne @chrish7985 @rlyrlsrydave good point	0.4156	0.4404
7054	@chef_boyarbeatz @lexi4prez @rationaletienne @chrish7985 @rlyrlsrydave <a href="https://t.co/ftmrqcc7bw">https://t.co/ftmrqcc7bw</a>	0.4156	0
7055	@starofelysium @samtalkstesla @rationaletienne @chrish7985 @rlyrlsrydave i don't have an "emerald mine", nor was i given free money from anyone, inheritance or otherwise. ashlee vance interviewed hundreds of people. ask him. <a href="https://t.co/m63njikkw2">https://t.co/m63njikkw2</a>	0.4156	0.5106
7056	@ninjitalia @readcoal @supernautilcal @flcnhv @rationaletienne @chrish7985 @rlyrlsrydave 🎉🎉 damn, hoist on my own petard!	0.4156	-0.4019
7057	congrats tesla team — u rok!! <a href="https://t.co/lw7ist98iy">https://t.co/lw7ist98iy</a>	0.4156	0.5267
7058	@teslaownerssv rwd is slightly more efficient, but dual motor awd is faster & more agile	0.4156	0.3626
7059	@samtalkstesla directly, my companies employ roughly 65,000 people. however, there is a massive global supply & logistics chain that employs 4 to 5 times that number.	0.4156	0.0772
7060	@hassanaesthetic yeah, tesla app would enable you to release your car into the fleet & summon it back at will	0.4156	0.296
7061	@ppathole @samtalkstesla yes. green card (permanent residency) is fine too for spacex, according to itar rules.	0.4156	0.5423
7062	@kenklippenstein i only block people as a direct insult <a href="https://t.co/kww9gcvqgb">https://t.co/kww9gcvqgb</a>	0.4156	-0.7351
7063	@kenklippenstein now you're unblocked, so stop whining	0.4156	-0.296
7064	@leighalexander i was at that vanity fair party with @talulahriley. don't know ghislaine. real question is why did vf invite her?	0.4156	0.6808
7065	@leighalexander @spacex to the best our knowledge, he never toured spacex. don't know where that comes from.	0.4156	0.6369
7066	@leighalexander you're a good person	0.4156	0.4404
7067	@martx1995 @leighalexander true	0.4156	0.4215
7068	@univercurious wow	0.4156	0.5859
7069	@ppathole @leighalexander @talulahriley a pseudojourno asked all his followers to spam my mentions	0.4156	0
7070	@evafoxu @ppathole @leighalexander @talulahriley thanks, that would promote good public discourse	0.4156	0.7003
7071	@bigwheelastro @chainsawmelee @evafoxu @ppathole @leighalexander @talulahriley yeah, but why? i'm working on sustainable energy cars & solar that help earth and making life multiplanetary, to ensure its continuance, with spacex.	0.4156	0.8225
7072	@flcnhv true	0.4156	0.4215
7073	@cybrtrkguy @flcnhv accounts that unequivocally advocate harassment should be suspended with warning, then shut down if repeated	0.4156	-0.34
7074	@xiang_aw @bigwheelastro @chainsawmelee @evafoxu @ppathole @leighalexander @talulahriley agreed, but it's hard to ignore what is effectively a social media denial of service attack	0.4156	-0.25
7075	@ppathole @cybrtrkguy @flcnhv that would be great	0.4156	0.6249
7076	usus happy 4th of july!! usus	0.4156	0.5719
7077	please take a moment to report accounts clearly engaged in harassment. it is the only way to maintain public discourse.	0.4156	0.6124

7078	@jakenew27819898 🎉🎉	0.4156	0
7079	@kanyewest you have my full support!	0.4156	0.4019
7080	<a href="https://t.co/jamuz6naa4">https://t.co/jamuz6naa4</a>	0.4156	0
7081	@rocketlab sorry to hear about this. hope you get back to orbit soon. rockets are hard.	0.4156	0.296
7082	@nichegamer 🎉🎉	0.4156	0
7083	north american supercharger usage is now at pre-covid high, europe about a week behind, china & asia-pacific in general doing great <a href="https://t.co/brd0egac1t">https://t.co/brd0egac1t</a>	0.4156	0.6249
7084	@gadsaad he is a mind virus for fools	0.4156	0
7085	beautiful fireworks in la tonight	0.4156	0.5994
7086	@ppathole @kanyewest yup	0.4156	0
7087	@cnunezimages it's absurdly large	0.4156	0
7088	@cyberpunkgame @kanyewest it may have started already	0.4156	0
7089	@evafoxu @cnunezimages nice haha	0.4156	0.7003
7090	@spaceguy_24 @teslaownerssv @evafoxu @cnunezimages @tesla yeah, but first we need to finish giga berlin and a second us giga to serve eastern half of north america	0.4156	0.296
7091	@blue_bnd @kristennetten @flcnhvy @ppathole yeah, it's pretty weird	0.4156	0.5719
7092	@gfilche yes haha, we will soon be short of short shorts	0.4156	0.6908
7093	limited edition short shorts now available at <a href="https://t.co/5emnctbyjv">https://t.co/5emnctbyjv</a>	0.4156	-0.2263
7094	only \$69.420!!	0.4156	0
7095	dang, we broke the website	0.4156	-0.4215
7096	@lexfridman well said	0.4156	0.2732
7097	@flcnhvy age of napoleon, so far. the first books are a little dry. gets much better when ariel is co-author.	0.4156	0.4404
7098	@teslaownerssv @flcnhvy sure :)	0.4156	0.3182
7099	@mmelinot @flcnhvy looks cool	0.4156	0.3182
7100	@teslaownerssv @flcnhvy lord of the rings	0.4156	0
7101	@rationaletienne @teslaownerssv @flcnhvy yeah!	0.4156	0.296
7102	@tariqmk_ there were 268 years without war. that's the amazing part.	0.4156	0.0191
7103	@tariqmk_ good summary	0.4156	0.4404
7104	@johnnacrider0 thanks johnna, you too ❤️	0.4156	0.4404
7105	@wholemarsblog nailed it	0.4156	0
7106	@wholemarsblog also true. haha you rock!	0.4156	0.7003
7107	@teslaratiapp @teslarati i bought a pair of xl	0.4156	0
7108	@ajtourville @teslaratiapp @teslarati that would be next-level 🎉🎉	0.4156	0
7109	@teslarati coming soon, our battle with big tequila! it's real.	0.4156	-0.3818
7110	@johnnacrider0 for sure	0.4156	0.3182
7111	@bbccsciencenews thank goodness for modern medicine!	0.4156	0.6705
7112	@valleyhack essentially. long-term purpose of my tesla stock is to help make life multiplanetary to ensure it's continuance. the massive capital needs are in 10 to 20 years. by then, if we're fortunate, tesla's goal of accelerating sustainable energy & autonomy will be mostly accomplished.	-0.1802	0.7506
7113	@cnunezimages ❤️♦️ carl sagan ♦️❤️	-0.1802	0
7114	@nicebit_net @valleyhack if you get past mars, the asteroids, moons of jupiter & saturn, inevitably you reach uranus!	-0.1802	0.0258
7115	@lexfridman words are a very lossy compression of thought	-0.2996	-0.296
7116	@vincent13031925 @teslacn @evafoxu tesla china team is awesome!	-0.1183	0.6249
7117	if you can't beat em, join em neuralink mission statement	-0.1183	0.296
7118	@austeslaowners sure	-0.1183	0.3182
7119	progress update august 28	-0.1183	0.4215
7120	@ppathole altho dumb and dumber is 🥶🥶	-0.1183	-0.7003
7121	@teslagong @ppathole samwise gamgee	-0.1183	0
7122	@flcnhvy true, it sounds so surreal, but the negative propaganda is still all out there & easy to find in social media & press interviews, so it's not just our imagination!	-0.1183	0
7123	@vistacruiser7 @flcnhvy there's some of that too	-0.1183	0
7124	ai symbiosis while u wait	0.6407	0
7125	@ihearttesla no easy way to answer this in a tweet, but helping with dire brain injuries is our first priority. details aug 28.	0.6407	0.6249
7126	@kenyanwalstreet not actually a payout, just a vesting of stock options. it may never pay out, as the stock can't be sold for 5 years after exercise. the stock must be bought & income taxes paid, then hold value for 5 years.	0.6407	0.4011
7127	@buzzindelhi sorry, should hopefully be soon!	0.6407	0.34
7128	@redmercy yes	0.6407	0.4019
7129	best use of the term "full stack"?	0.6407	0.6369

7130	wow, ihop & github are close	0.6407	0.5859
7131	@evafoxu @tesla berlin model y is the one to watch. that is a revolution in automotive body engineering (finally).	0.6407	0
7132	@scr00chy @evafoxu @tesla 00	0.6407	0
7133	@techgnostik @evafoxu @tesla ok	0.6407	0.296
7134	@blue_bnd @evafoxu @tesla even more	0.6407	0
7135	@teslaparatosdos @evafoxu @tesla 00	0.6407	0
7136	@flcnhvvy @ppathole @ihearttesla absolutely	0.6407	0
7137	@thatt3slaguy @flcnhvvy @ppathole @ihearttesla earning power post augmentation would easily pay for itself (if that's even necessary). this is the best thing i can think of to ensure that collective human will decides the future.	0.6407	0.8316
7138	@rationaletienne @flcnhvvy @ppathole @ihearttesla death is the loss of information	0.6407	-0.7351
7139	@dzhinc @kenyanwalstreet true haha	-0.7880	0.7003
7140	@optimoprincipi spqr https://t.co/gvfc9m3bhz	-0.7880	0
7141	@ali_afshari in general, we need to improve how podcasts play	-0.7880	0.6486
7142	i spoke with korolev's family today. he was one of the very best. корольев / королёв.	-0.7880	0.6369
7143	<a href="https://t.co/1mqxfakpzf">https://t.co/1mqxfakpzf</a>	-0.7880	0
7144	@engineers_feed 48 65 78 20 74 6f 20 74 65 78 74	-0.7880	0
7145	@oprahside maybe he should design flag of mars	-0.7880	0
7146	@mkbhd haha	-0.7880	0.4588
7147	@nichegamer i didn't mind da2. da1 was awesome. mass effect 2 (talking about sequels) is amazing.	-0.7880	0.836
7148	@ppathole that is the near-term danger of ai	-0.7880	-0.5267
7149	@wholemarsblog thanks :)	-0.7880	0.4404
7150	@mightytesla @samtalkstesla @elonsworld @nikola_truth @wholemarsblog @renatakonkoly @stevenmarkryan @vincent13031925 @hyperchangetv @teslapodcast hell of a ride!	-0.7880	-0.6808
7151	@teslaratiteam @teslarati we had to increase some wire thicknesses in s/x to reduce resistive heating. technically, won't be quite 1000 mph charging, as x especially is much bigger than 3.	-0.7880	0.3182
7152	@jgrano305 @teslaratiteam @teslarati no, as range would be unacceptably low (< 250 mile epa)	-0.7880	-0.2732
7153	@vicentes @teslaratiteam @teslarati it may be able to reach 250kw at low states of charge	-0.7880	-0.25
7154	@jgrano305 @teslaratiteam @teslarati we have reduced pricing on model y lr dual motor & will offer a lr single motor y in a few months, which improves affordability, while still keeping the product excellent	-0.7880	0.7579
7155	@jgrano305 @teslaratiteam @teslarati doing range testing now. number will be significantly higher than 300. extremely good for any ev, especially an suv.	-0.7880	0.5413
7156	@jaminwestby @teslaownerssv @jgrano305 @teslaratiteam @teslarati i think so	-0.7880	0
7157	@chrisjcav @jgrano305 @teslaratiteam @teslarati 00	-0.7880	0
7158	@teslatn @jgrano305 @teslaratiteam @teslarati @dollyparton yes, in plan. superchargers and public high power wall connectors will keep growing exponentially every year.	-0.7880	0.5267
7159	@bradyleonard well, i do care very much about sustainability of civilization, but there is some truth to the irony part haha	-0.7880	0.8555
7160	@summergefest welcome anytime	-0.2810	0.4588
7161	@spaceflightnow we're being extra paranoid. maximizing probability of successful launch is paramount.	-0.2810	0.4215
7162	@vincent13031925 wild times!	-0.2810	0
7163	@katlinegrey reusability is essential. a rocket that is single use is just as absurd as a single use airplane. f9 engines already fire 3 times per flight.	-0.2810	-0.34
7164	@davidtaylor5 @teslalisa @stevehamel16 @vincent13031925 @s_padival @barkmsmeagol @annerajb @pjhornak @wipperger @ecoheliguy wow	-0.2810	0.5859
7165	@teslarati cute	-0.2810	0.4588
7166	@efficiencylast @jaminwestby @teslaownerssv @jgrano305 @teslaratiteam @teslarati should do this automatically	-0.2810	0
7167	@engineers_feed playable on any tesla!	-0.2810	0
7168	@teslaownerssv @engineers_feed the strength & perseverance of the people of tesla, despite facing extreme difficulties	-0.2810	0.4939
7169	@wholemarsblog tesla autopilot was literally named after the term used in aviation. also, what about autobahn!?	-0.2810	0
7170	@teslaaircraft @flcnhvvy @tesla exactly	-0.2810	0
7171	@erdayastronaut @thesheetztweetz @brycespacetech @spacex @ulalaunch @torybruno @mhi_group @rosocosmos @peter_j_beck to revolutionize space, the right metric is mass to orbit or you could translate that to # of useful satellites brought to orbit. no substitute for mass though. scale don't lie.	-0.2810	0.4404

7172	@alex_avoigt @wholemarsblog 😊	-0.2810	0
7173	@niksanae ok	-0.2810	0.296
7174	@flcnhv @spacex starlink terminal has motors to self-orient for optimal view angle. no expert installer required. just plug in & give it a clear view of the sky. can be in garden, on roof, table, pretty much anywhere, so long as it has a wide view of the sky.	-0.2810	0.8074
7175	@erdayastronaut @flcnhv @spacex yeah, will take less than a minute to order on <a href="https://t.co/q1vvqvmj2i">https://t.co/q1vvqvmj2i</a> when it goes live	-0.0910	0.296
7176	@bbcsciencenews population collapse is 2nd biggest danger to civilization after ai imo	-0.0910	-0.765
7177	@gerberkawasaki great work by tesla software engineering	-0.0910	0.6249
7178	@nnalinas @bbcsciencenews trying to set a good example haha. mars needs people!	-0.0910	0.7096
7179	@ppathole @bbcsciencenews this thing we call "money" is just a (slow, lossy & unsecure) database for labor allocation. investing is meaningless without people, at least until agi happens, which will obviate need for labor & necessitate ubi.	-0.0910	-0.296
7180	@bbcsciencenews <a href="https://t.co/xxrxfrqhbs">https://t.co/xxrxfrqhbs</a>	-0.0910	0
7181	@vincentdiong @gerberkawasaki considering	-0.0910	0
7182	@pontolemaeus @silverdegeneral @bbcsciencenews exactly, this is a serious problem. ratio of retirees to workers is tracking towards unsustainability in many countries. an upside down demographic pyramid is unstable.	-0.0910	-0.4588
7183	giga berlin <a href="https://t.co/uxqmuvtwxf">https://t.co/uxqmuvtwxf</a>	-0.0910	0
7184	@kristennetten might be an indoor/outdoor rave space on the roof	-0.0910	0
7185	@teslaownerssv @kristennetten sure	-0.0910	0.3182
7186	@engineers_feed carefully hidden	-0.0910	0.128
7187	@zikryzamir yes	-0.0910	0.4019
7188	@lewismartin_ @engineers_feed gigafactory is the product even more than the car	-0.0910	0
7189	@ppathole @kristennetten 🎉🎉	-0.0910	0
7190	@evafoxu ❤️❤️	0.4667	0
7191	just stop	0.4667	-0.296
7192	thanks	0.4667	0.4404
7193	@wintonark we better hustle with neuralink. not moving fast enough.	0.4667	0.4404
7194	@modelyendofice @wintonark pretty much	0.4667	0.4939
7195	will those who write the algorithms ever realize their negativity bias?	0.4667	-0.1027
7196	@izzynobre excuse me, i only sell doge!	0.4667	0.0772
7197	it's inevitable <a href="https://t.co/ebknqm6qyf">https://t.co/ebknqm6qyf</a>	0.4667	0
7198	@ppathole summarizes pretty much every biz school case study	0.4667	0.4939
7199	@serhatserhatst many	0.4667	0
7200	if you've solved hard problems with phones / wearables (sealing, signal processing, inductive charging, power mgmt, etc), please consider working at <a href="mailto:engineering@neuralink.com">engineering@neuralink.com</a>	0.4667	0.0772
7201	solving high-volume, high-reliability, low-cost production problems is especially valued	0.4667	-0.34
7202	@flcnhv yes	0.4667	0.4019
7203	@m4ttwegner @flcnhv how come hulk never loses pants!?	0.4667	0.2411
7204	@m4ttwegner @flcnhv bde	0.4667	0
7205	@m4ttwegner @flcnhv 🎉🎉	0.4667	0
7206	@fermatlibrary fermi was awesome. he understood the right questions to ask.	0.4667	0.6249
7207	@kristennetten that is just one part of the surgery. for this to scale, it must be fully automated, like lasik.	0.4667	0.4201
7208	@bwillofficial @wholemarsblog @neuralink yes	0.4667	0.4019
7209	@waitbutwhy some contribute more. y chromosome & mitochondria are constant, except for mutations.	0.4667	0
7210	@astrobehnken @spacex @nasa @space_station manufactured only 5 mins from lax!	0.4667	0
7211	@teslaownerssv @waitbutwhy it's not really set up for tours, but maybe it should	0.4667	0
7212	@maxxrbtc @thecryptolark @manny6manny @jungleincrp @digitalassetbuy @moonlamboio @jwilliamsfstmed good article. i started the boring company as a joke, but now it's digging real tunnels!	0.4667	0.4215
7213	@ppathole it has that potential	0.4667	0
7214	@hiromichimizuno this looks cool	0.4667	0.3182
7215	@a_howard8 yes	0.4667	0.4019
7216	@stephenpallotta 🎉🎉	0.4667	0
7217	@teslaownerssv @stephenpallotta will discuss on wed earnings call. lots to talk about!	0.4667	0
7218	@businessinsider true, the 2012 model s is still a great car. was driving sn28 a few months ago and driving feel was excellent. model s remains my fav car to drive.	0.4667	0.9274
7219	@confiant_man american, but born in south africa. left by myself when i was 17.	0.4667	0
7220	@teslarati important to service very high latitudes	0.4667	0.2023
7221	@kristennetten @businessinsider new deep crimson from giga berlin is my favorite	0.4667	0.4588

7222	@bar2_t @joebangles11 @teslarati stilton	0.4667	0
7223	@cleantechnica lithium is extremely common on earth. found almost everywhere.	0.4667	0
7224	launch in 20 mins <a href="https://t.co/1oltpnw929">https://t.co/1oltpnw929</a>	-0.4102	0
7225	@nasahqphoto too long since we were last there	-0.4102	0
7226	@spacex nice work, spacex team!	-0.4102	0.4215
7227	both fairing halves caught from space by @spacex ships!	-0.4102	0
7228	@ppathole we should bring life to mars	-0.4102	0
7229	@id_aa_carmack vr twitter with avatars saying the mentions 😊	-0.4102	0
7230	@ystijd @id_aa_carmack we talked about an hour ago. he seems fine.	-0.4102	0.2023
7231	@johnnacrider0 @ystijd @id_aa_carmack it's almost right	-0.4102	0
7232	das baby kann noch keinen löffel benutzen <a href="https://t.co/uetqvia4bp">https://t.co/uetqvia4bp</a>	-0.4102	0
7233	@cleantechnica at some point, we should probably do advertising as art/communication/entertainment & forming methods, so traditional names like 304l will become more of an approximation	-0.4102	0.6705
7234	@flcnhv 🚀🚀	-0.4102	0
7235	@teslarati @bocachicagal we're rapidly changing alloy constituents & forming methods, so traditional names like 304l will become more of an approximation	-0.4102	0.3612
7236	@glenn22x @teslarati @bocachicagal yes	-0.4102	0.4019
7237	@ppathole @teslarati @bocachicagal will attempt to fly later this week	-0.4102	0
7238	@samtalkstesla sometimes, that's how i feel too!	-0.4102	0
7239	@fazeblaze 🤘	-0.4102	0
7240	@futurejurvetson great shot!	-0.1339	0.6249
7241	@loomisp @msnbc @11thhour well said, brian williams!	-0.1339	0.2732
7242	nothing has gaslit more people than the movie gaslight	-0.1339	0
7243	@teslatrey we need to finish upgrading autopilot to 4d vs ~2.5d, then it will go up very steep slopes	-0.1339	0
7244	where are the memes? send in ... the memes ...	-0.1339	0
7245	@bucketthat1 this one stings	-0.1339	0
7246	@ppathole 🚀	-0.1339	0
7247	@kable_10 💡💡	-0.1339	0
7248	@janeidyeve can't say, but it involves a 🎉	-0.1339	0
7249	@wholemarsblog human overseen at first, then fully self-driving	-0.1339	0
7250	coming soon <a href="https://t.co/6noglix6b5">https://t.co/6noglix6b5</a>	-0.1339	0
7251	@flcnhv no, best to have people seated for safety & speed of travel	-0.1339	0.7906
7252	@erdayastronaut @flcnhv individualized mass transit is the future	-0.1339	0
7253	@nytimes just another day in 2020	-0.1339	0
7254	2 minutes later ... <a href="https://t.co/o5fbbtan1s">https://t.co/o5fbbtan1s</a>	-0.1339	0
7255	@cleantechnica adding people in next version	-0.1339	0
7256	you don't have a soul, you are a soul	-0.1339	0
7257	@omgrofloljk good point	-0.1339	0.4404
7258	@bbcsciencenews similar problem with us data	-0.1339	-0.4019
7259	@bbc_future good article	-0.1339	0.4404
7260	impressive tianwen-1 mars rover mission launched by china today <a href="https://t.co/fsya3i0hru">https://t.co/fsya3i0hru</a>	-0.7963	0.5859
7261	@internetofshit my oven keeps asking for my wifi password. it's not gonna get it.	-0.7963	0
7262	@cleantechnica agreed	-0.7963	0.2732
7263	@ajtourville haha	-0.7963	0.4588
7264	@tomosman @tesla absolutely	-0.7963	0
7265	@ludalisl @tesla can't emphasize this enough	-0.7963	0
7266	@waitbutwhy basically, our pixel size	-0.7963	0
7267	@sciguysspace especially for boost stage, which is volumetrically constrained, ch4 is way better than h2. soviet ch4 engine prototypes from 80's were very advanced. glad to see reusability is being factored in.	-0.7963	0.8492
7268	@cleantechnica tbh, we are just a bit less foolish than before	-0.0998	-0.204
7269	@tesla we are actually looking for revolutionary actuaries for tesla insurance! please inquire, if interested.	-0.0998	0.6124
7270	@teslaownerssv @cleantechnica that's a great idea!	-0.0998	0.6249
7271	@vincent13031925 @universalpics @tomcruise @spacex could be great!	-0.0998	0.6249
7272	@schriskakos @pubg something fun is coming	-0.0998	0.5106
7273	@realdonaldtrump @tesla thank you on behalf of the tesla team. we look forward to building giga texas!	-0.0998	0.3612
7274	tesla solar panels are \$1.49/watt <a href="https://t.co/5lplhqgazw">https://t.co/5lplhqgazw</a>	-0.0998	0
7275	another government stimulus package is not in the best interests of the people imo	-0.0998	0.7351
7276	as a reminder, i'm in *favor* of universal basic income	-0.0998	0.4019

7277	goal of government should be to maximize the happiness of the people. giving each person money allows them to decide what meets their needs, rather than the blunt tool of legislation, which creates self-serving special interests.	-0.0998	0.8658
7278	@ppathole pretty much	-0.0998	0.4939
7279	these are jammed to gills with special interests earmarks. if we do a stimulus at all, it should just be direct payments to consumers.	-0.0998	0.5719
7280	@stevenbonchev @apompliano something like that. if politicians could legislate wealth, everyone would be a trillionaire.	-0.0998	0.6908
7281	⌚ twitter sucks	-0.0998	-0.3612
7282	@engineers_feed [slow drag on cigarette] facebook? haven't heard that name in years ...	-0.0998	-0.2263
7283	i bet no one on ⌚ twitter even *has* a guillotine! poseurs ...	0.4056	0
7284	@akinfermo yeah, would have been way better just to send everyone \$6k	0.4056	0.6249
7285	@nichegamer 🎮	0.4056	0
7286	@historyofarmani also, we get our lithium from australia	0.4056	0
7287	pronouns suck	0.4056	-0.4404
7288	@hansnoordsij agreed, hydrogen fool sells make no sense	0.4056	-0.2023
7289	@teslacn tesla will add a power lift gate at no cost	0.4056	0
7290	cool model 3 review by @iamjamiefoxx <a href="https://t.co/hjdd7bjke3">https://t.co/hjdd7bjke3</a>	0.4056	0.3182
7291	@adolfo_morenos @historyofarmani exactly!	0.4056	0
7292	@thefavoritist @nasaspaceflight @bocachicagal yeah, we're hunkering down here until the hurricane passes	0.4056	0.296
7293	@erikmaza @maureendowd for sure	0.4056	0.3182
7294	@karaswisher @maureendowd @elon haha thanks kara :)	0.4056	0.7096
7295	@maureendowd great song	0.4056	0.6249
7296	@randyvegetables some of whom seriously think tesla toppled the bolivian govt (sigh) <a href="https://t.co/yc5gaa12dw">https://t.co/yc5gaa12dw</a>	0.4056	-0.1531
7297	@ppathole @maureendowd the song i whistle most is strangers in the night	0.4056	0
7298	@iliketeslas @pjhornak @randyvegetables i know! congratulations to the people of bolivia BO!!	0.4056	0.5994
7299	@teslaownerssv @ppathole @maureendowd ring of fire <a href="https://t.co/gsj3np4cap">https://t.co/gsj3np4cap</a>	0.4056	-0.34
7300	@wholemarsblog those were the days! 🎮	0.4056	0
7301	@ghost_teslaphx @28delayslater @crewtesla @jrosinski97 @marc_benton @ray4tesla not impossible	0.4056	0
7302	@flcnhvvy @ghost_teslaphx @28delayslater @crewtesla @jrosinski97 @marc_benton @ray4tesla yes	0.4056	0.4019
7303	@ajtourville cool	0.4056	0.3182
7304	@yourfavgas @ajtourville turning them into shade for an outdoor restaurant here in boca	0.4056	0
7305	@flcnhvvy @yourfavgas @ajtourville i really want to do this! will be great fun. could be both la and austin.	0.4056	0.8603
7306	@mattiecola @ajtourville we need high brinell hardness & high corrosion resistance. because of cybertruck's faceted nature, formability is not important.	0.4056	0.2023
7307	@kristennetten @yourfavgas @ajtourville has to be blue steel :)	0.4056	0
7308	@theonion 🎮	0.4056	0
7309	@teslarati whoa cool	0.4056	0.3182
7310	@cleantechnica this has a lot of potential. lithium is pretty much everywhere.	0.4056	0.4939
7311	@samtalkstesla that's me! haha	0.4056	0.4588
7312	@picklepunchd @cleantechnica 🎮	0.4056	0
7313	@spotted_model @cleantechnica nickel is the biggest challenge for high-volume, long-range batteries! australia & canada are doing pretty well. us nickel production is objectively very lame. indonesia ID is great! <a href="https://t.co/0meee5wrfo">https://t.co/0meee5wrfo</a>	0.4056	0.7845
7314	great song <a href="https://t.co/wj4ydjglsh">https://t.co/wj4ydjglsh</a>	0.4056	0.6249
7315	@rhiddhid he was amazing	0.4056	0.5859
7316	@cybrtrck fair point! will discuss with team.	0.4056	0.3182
7317	@avrwc planet claire is 💦	0.4056	0
7318	<a href="https://t.co/ufay65lzi">https://t.co/ufay65lzi</a>	0.4056	0
7319	@ppathole @rhiddhid ya just can't beat br	0.4056	0
7320	almost a decade ago. original dragon in background.	0.4056	0.2585
7321	@cleantechnica giga berlin will come together at an impossible-seeming speed. the prefabricated construction method in germany is extremely impressive.	0.4056	0.5563
7322	@evafoxu haha	0.4056	0.4588
7323	@youranonnews 🕒	0.4056	0
7324	@youranonnews you dropped this	0.4056	0
7325	@atnickvega @theonion wow, you think about me a lot!	0.4056	0.5859

7326	@theonion once an onion, now a rose	0.4056	0
7327	hold my beer <a href="https://t.co/ik3tt1x4wp">https://t.co/ik3tt1x4wp</a>	0.4056	0
7328	@rationaletienne @atnickvega @theonion 🎉🎉	0.4056	0
7329	@rationaletienne @theonion exactly	0.4056	0
7330	the left is losing the middle	0.4056	-0.3818
7331	@anthm17 what i like most is their great sense of humor	0.4056	0.8271
7332	das kapital in a nutshell <a href="https://t.co/mg44mmkitx">https://t.co/mg44mmkitx</a>	0.4056	0
7333	@enn_nafnlaus @theonion haha	0.4056	0.4588
7334	@teslarati sounds great	0.4056	0.6249
7335	@prisonplanet whether commercial or government, monopolies are bad for the people	0.4056	-0.5423
7336	@nasaspaceflight i was just out at the launch pad. connector damaged in the storm, but fixed now. might be able to fire tonight or at least get to the next issue.	-0.2327	-0.6486
7337	@nasaspaceflight fuel spin valve didn't open. will fix & try again tomorrow. also, some odd tvc hydraulic pump behavior.	-0.2327	-0.3182
7338	@schristakos @berniesanders maybe he's feeling the bern haha	-0.2327	0.5423
7339	@vistacruiser7 @schristakos @berniesanders @berniesanders 🎉🎉	-0.2327	0
7340	@schristakos @berniesanders and to think i used to like bernie! 🎉 <a href="https://t.co/adojs2uce3">https://t.co/adojs2uce3</a>	-0.2327	0.3612
7341	@dmc_ryan @rodamn it's a prototype of the color	-0.2327	0
7342	@evafoxu @schristakos @berniesanders haha	-0.2327	0.4588
7343	@techgnostik @schristakos @berniesanders agreed	-0.2327	0.2732
7344	@slashdot !	-0.1135	0
7345	@xiang_aw @owensparks_ @berniesanders what he doesn't appear to appreciate is that government is just a monopolist corporation in the limit	-0.1135	0.4019
7346	@teslarati tesla is open to licensing software and supplying powertrains & batteries. we're just trying to accelerate sustainable energy, not crush competitors!	-0.1135	0.128
7347	@sam_lopezxx @teslarati sure	-0.1135	0.3182
7348	@teslaownersnbay ❤️ ❤️	-0.1135	0
7349	@jgrano305 @teslaownersnbay haha no one can ever have our top secret fart technology!!	-0.1135	0.5859
7350	@kristennetten @xiang_aw @owensparks_ @berniesanders the government has the most money by far. they talk in trillions.	-0.1135	0
7351	@teslarati should add a few miles of range, more in slow traffic	-0.1135	0
7352	@greendragonbot 😊	-0.1135	0
7353	@mkarolian @tesla thanks for letting me know. will dig into it.	-0.1071	0.4404
7354	@ppathole sounds like he doesn't realize tesla makes the vaccine machine for curevac	-0.1071	0.3612
7355	@ppathole 🎶 billy g is not my lover 🎶	-0.1071	0
7356	@keith31345919 @ppathole <a href="https://t.co/Okaav0dtnn">https://t.co/Okaav0dtnn</a>	-0.1071	0
7357	@keith31345919 @ppathole we've been working on this for about 4 years. originally meant for rabies vaccine, but it can make pretty much anything that's an rna sequence. critical path is completing human trials.	-0.1071	0.2263
7358	@keith31345919 @ppathole <a href="https://t.co/s8mdwgcdgf">https://t.co/s8mdwgcdgf</a>	-0.1071	0
7359	i ... i just died in your arms tonight	-0.1071	-0.5574
7360	sure could use a good rave what's your favorite techno	-0.1071	0.802
7361	@tobyliliiliili sure	-0.1071	0.3182
7362	@flcnhv robot heart is 💔	-0.1071	0
7363	@renatakonkoly @sneakyness mein herz brennt. best boss battle song ever. <a href="https://t.co/jil6vzhqax">https://t.co/jil6vzhqax</a>	-0.1071	0.3818
7364	@eurosandor @rsprachrohr 🎉🎉	-0.1071	0
7365	losing it <a href="https://t.co/9hoy0ldzg4">https://t.co/9hoy0ldzg4</a>	-0.1071	-0.3818
7366	@jelle56367384 @anvithvittal @dnptthree @tiesto adagio for strings is great <a href="https://t.co/rgy1p1vgou">https://t.co/rgy1p1vgou</a>	-0.1071	0.6249
7367	but sometimes when we touch ... <a href="https://t.co/kmassjctix">https://t.co/kmassjctix</a>	-0.1071	0
7368	@nasapersevere @ulalaunch @nasa_lsp congrats on a great launch!	-0.1071	0.8176
7369	@neuro_skeptic they don't fire all at once. some go several seconds to minutes without firing. some fire several times per second. very wide timing distribution.	-0.1071	-0.4145
7370	@neuro_skeptic will show neurons firing in real-time on august 28th. the matrix in the matrix.	-0.1071	-0.34
7371	@shrawantr @neuro_skeptic yes, should be possible to create a neural shunt from motor cortex to microcontrollers in muscle groups & restore movement even if someone has a fully severed spinal cord. first part has already been demonstrated with utah array, but not as an outpatient device.	-0.1071	0.5859

7372	@flcnhv @shrantr @neuro_skeptic neuralinks are currently meant for mature brains & functionality is lost if removed. rewiring of neurons is certainly possible, but won't make up for loss of the link.	-0.1071	0.1531
7373	@ppathole @flcnhv @shrantr @neuro_skeptic yes. could also extend range of hearing beyond normal frequencies and amplitudes. deus ex.	-0.1071	0.5267
7374	@bluemoondance74 @ppathole @flcnhv @shrantr @neuro_skeptic not that i'm aware of	-0.1071	0
7375	@lnterestingmaps @iernsomethlngr	-0.1071	0
7376	total eclipse of the heart 🌙 ❤️ https://t.co/n8djdlnbe	-0.1071	0
7377	starship sn5 just completed full duration static fire. 150m hop soon.	-0.1071	-0.34
7378	<a href="https://t.co/8lpvwbec4r">https://t.co/8lpvwbec4r</a>	-0.1071	0
7379	@thesheetztweetz cool	-0.4939	0.3182
7380	@janeidyeve lo que construimos <a href="https://t.co/2yg5gatgv9">https://t.co/2yg5gatgv9</a>	-0.4939	0
7381	@matfabrix @engineers_feed things we take for granted, like flying, would have had you burned at the stake for witchcraft not that long ago	-0.4939	0.5423
7382	@matfabrix @engineers_feed witch logic <a href="https://t.co/o5xaopsnw1">https://t.co/o5xaopsnw1</a>	-0.4939	0
7383	@notch 😊	-0.4939	0
7384	@iernsomethlngr ancient egypt had an incredible esthetic that stands to this day	-0.4939	0
7385	aliens built the pyramids obv	-0.4939	0
7386	ramses ii was 😊	-0.4939	0
7387	@waitbutwhy so true	-0.4939	0.4215
7388	the great pyramid was the tallest structure made by humans for 3800 years. three thousand, eight hundred years. <a href="https://t.co/6du46embni">https://t.co/6du46embni</a>	-0.4939	0.6249
7389	this bbc article provides a sensible summary for how it was done <a href="https://t.co/le3r20bwid">https://t.co/le3r20bwid</a>	0.0683	0
7390	@cybrtrck absolutely. long-lasting art is incredibly difficult.	0.0683	-0.4201
7391	⚡ <a href="https://t.co/xxvcwmrtws">https://t.co/xxvcwmrtws</a>	0.0683	0
7392	@engineeringvids the simplest solution is not necessarily the most satisfying	0.0683	0.6486
7393	@meier1028 @spacex @space_station @astrobehnken @astro_doug great game	0.0683	0.6249
7394	@erdayastronaut @spacex all correct. parachutes were originally the backup landing system, with superdraco thrusters as primary. difficulty of proving thruster landing safety *and* architecture being suboptimal for moon/mars caused us to change focus to parachutes.	0.0683	0.1027
7395	@erdayastronaut @spacex however, we did prove that a superdraco landing could work by doing a propulsive hover <a href="https://t.co/mr7vfiqwwf">https://t.co/mr7vfiqwwf</a>	0.0683	0
7396	astronauts land in 2 hours @nasa @spacex	0.0683	0
7397	coming in hot <a href="https://t.co/dzfr5bnbff">https://t.co/dzfr5bnbff</a>	0.0683	0
7398	4 mins to dragon loss of signal due to atmospheric entry plasma	0.0683	-0.3182
7399	acquisition of signal expected in 5 mins	0.0683	0
7400	dragon is stable in the water	0.0683	0.296
7401	@waitbutwhy space is the new air	0.0683	0
7402	when space travel becomes as common as air travel, the future of civilization will be assured	0.0683	0
7403	@erdayastronaut nosecone closing is recommended, but not required, for safe entry	0.0683	0.5719
7404	@engineers_feed pretty much	0.0683	0.4939
7405	@engineers_feed tbh, i must confess to occasionally pontificating about high-concept things	0.0683	0
7406	@erdayastronaut @spacex for sure	0.0683	0.3182
7407	@erdayastronaut i'm in the boca control room. hop attempt in ~33 minutes.	-0.1422	0
7408	@nasaspaceflight scrubbed for the day. a raptor turbopump spin start valve didn't open, triggering an automatic abort. we'll figure out why & retry tomorrow.	-0.1422	0
7409	@cleantechnica true fact	-0.1422	0.4215
7410	@lindw0rm @cleantechnica highly likely down the road	-0.1422	0
7411	@flcnhv @lindw0rm @cleantechnica true	-0.1422	0.4215
7412	@erdayastronaut most likely	-0.1422	0
7413	@trevormahlmann possible flight in 3 mins	-0.1420	0
7414	@austinbarnard45 mars is looking real	-0.1420	0
7415	@sciguysspace exactly	-0.1420	0
7416	@flcnhv progress is accelerating	-0.1420	0.4215
7417	@trevormahlmann @arstechnica v1.1 legs will be ~60% longer. v2.0 legs will be much wider & taller — like falcon, but capable of landing on unimproved surfaces & auto-leveling.	-0.1420	0.6249
7418	@ebelardo73 @bluemoondance74 @trevormahlmann @arstechnica soon	-0.1420	0
7419	@ppathole @trevormahlmann @arstechnica we'll do several short hops to smooth out launch process, then go high altitude with body flaps	-0.1420	0
7420	sn5 <a href="https://t.co/glz28kfhu">https://t.co/glz28kfhu</a>	-0.3233	0
7421	@teslarati this is gonna be great	-0.3233	0.6249
7422	@futurejurvetson @spacex this seems increasingly likely	-0.3233	0
7423	good piece on giga berlin construction <a href="https://t.co/pa8sgepv9y">https://t.co/pa8sgepv9y</a>	-0.3233	0.4404

7424	@teslarati https://t.co/kogvn4rmj8	-0.3233	0
7425	@timothybuffett @teslarati apart from failing to quarantine elderly/at-risk people early (a mistake they recognize), they were right	-0.3233	-0.5423
7426	@renatakonkoly @timothybuffett @teslarati @janeidyeve ok	-0.3233	0.296
7427	@erdayastronaut @queue_max @nasaspaceflight i think we can get (veloci)raptor t/w on par with merlin. latter also started out with about half its current t/w.	-0.2470	0
7428	@tobyliliiiiiii @erdayastronaut @queue_max @nasaspaceflight haha, good catch. booster will have fixed legs that add ~2m in height.	-0.2470	0.7096
7429	@johnkrausphotos @erdayastronaut @queue_max @nasaspaceflight yeah, full name of engine is velociraptor or raptor for short	-0.2470	0.296
7430	@westcoastbill 100	-0.2470	0
7431	@wr4nygov @berniesanders good analysis. he also includes a govt loan for high efficiency vehicles that tesla paid back with interest several years, unlike other auto companies.	-0.2470	0.8126
7432	@siconik1 @wr4nygov @28delayslater @berniesanders ⚡	-0.2470	0
7433	@berniesanders and why aim your attacks at tesla, when we're doing more than any other company on earth to advance green/sustainable energy? have you read the news? https://t.co/34tzbk5tiv	-0.2470	-0.2023
7434	@rationaletienne @berniesanders i wonder if he reads his twitter feed	-0.2470	0
7435	@ppathole @berniesanders over time, since we give all employees shares, my ownership is diluted automatically. from the first financing round, where i owned ~60% of tesla to today at ~20%, it has declined by a factor of 3.	-0.2470	0
7436	@kristennetten @ppathole @berniesanders 🎉🎉	-0.2470	0
7437	@ramacvr @kristennetten @ppathole @berniesanders also true	-0.2470	0.4215
7438	@lexfridman clearly	-0.2470	0.4019
7439	@erdayastronaut not sure yet, but hopefully. will need leg & other repairs. probably sn6 flies before sn5. we need to make flights simple & easy — many per day.	-0.2470	0.7845
7440	@wonderofscience https://t.co/y7lrlouxr9	-0.2470	0
7441	@samtalkstesla working on my mom's cousin's farm in saskatchewan at age 17. i think we did a barn-raising that day.	-0.2470	0
7442	@archillect twin peaks	-0.2470	0
7443	@mark_goldberg_ @tesla i was trying to channel herb tarlek from wkrp https://t.co/0rc72s0zay	-0.2130	0
7444	@mark_goldberg_ @tesla one day soon, i will wear this outfit https://t.co/t0snf4ugyk	-0.2130	0
7445	@flcnhv same hex tiles, slightly different mounting method. need bigger sections of tiles to see how they hold up with cryo shrinkage, pressure expansion & body bending.	-0.2130	-0.296
7446	@teslarati a little toastier each flight	-0.2130	0
7447	@teslarati aiming to make it super fun!	0.2990	0.802
7448	@teslarati no surprise	0.2990	0.2732
7449	@renarddemoscou @billgates sorry to hear this. what can we do to help?	-0.0612	0.34
7450	@wholemarsblog will be amazing to see it in operation! biggest casting machine ever made. will make rear body in a single piece, including crash rails.	-0.0612	0.2732
7451	@timfernholz efficiently reusable rockets are all that matter for making life multiplanetary & "space power". because their rockets are not reusable, it will become obvious over time that ula is a complete waste of taxpayer money.	-0.0612	0
7452	@tesmanian_com i generally try my best not to be on patents	-0.0612	0.6369
7453	@timfernholz so why is this madness acceptable for boeing/lockheed rockets?	-0.0612	0.3182
7454	@pantsbobsponge @andystanton @timfernholz you are correct. this is a substantial underpayment compared to what ula has received.	-0.0612	0
7455	@erdayastronaut probably not faster than utility power can be restored. powerwall/powerpack/megapack can certainly be helpful long-term. https://t.co/tee4ldtdyg	-0.1647	0.6369
7456	@teslarati this is important	-0.1647	0.2023
7457	@erdayastronaut @kenkirtland17 @torybruno @ulalaunch @spacex @blueorigin @djsnm @theprimaldino yes, integrated with the tip of the nose	-0.1647	0.4019
7458	@stoolpresidente psyche https://t.co/zkoi8fpvzz	-0.1647	0
7459	@erdayastronaut impressive	-0.1647	0.5106
7460	@c_bass3d @erdayastronaut sn8	-0.1647	0
7461	@teslarati tesla team is working hard on increasing powerwall production	-0.1647	-0.1027
7462	@viktaur27 @teslarati the rate of improvement from original gpt to gpt-3 is impressive. if this rate of improvement continues, gpt-5 or 6 could be indistinguishable from the smartest humans. just my opinion, not an endorsement. i left openai 2 to 3 years ago. am a neutral outsider at this point.	-0.1647	0.891
7463	@waitbutwhy @lukeprog what are the odds ... ?	-0.1647	0
7464	@stoolpresidente h2o, ch4/co2, n2, iron, nickel, chrome, aluminum (not necessarily in that order) will matter far more than gold or platinum for space travel	-0.1647	0.0258

7465	@cleantechnica significant improvements coming to s/x air suspension soon via software update! will simultaneously improve performance handling & ride comfort & enable user customization of height & damping, geocoded for relevance.	-0.1647	0.8176
7466	@teslarati more software improvements coming	-0.1647	0.3182
7467	tesla is developing a nn training computer called dojo to process truly vast amounts of video data. it's a beast! please consider joining our ai or computer/chip teams if this sounds interesting.	-0.1647	0.7845
7468	@erdayastronaut the fsd improvement will come as a quantum leap, because it's a fundamental architectural rewrite, not an incremental tweak. i drive the bleeding edge alpha build in my car personally. almost at zero interventions between home & work. limited public release in 6 to 10 weeks.	-0.1647	0.2732
7469	@erdayastronaut this is what i meant by "4d" <a href="https://t.co/xpx7j5snpy">https://t.co/xpx7j5snpy</a>	-0.1647	0
7470	@_bennettm_ @erdayastronaut yes! we're labeling bumps & potholes, so the car can slow down or steer around them when safe to do so.	-0.1647	0.6808
7471	@vicentes @teslaownerssv @erdayastronaut sorry, this is embarrassingly late. two factor authentication via sms or authenticator app is going through final validation right now.	-0.1647	-0.0772
7472	@kristennetten @teslaownerssv @erdayastronaut also definitely coming haha. will only be on relatively recent cars, as we didn't have an outside speaker until about a year ago. can change inside sound easily.	-0.1647	0.7964
7473	@flcnhv @teslaownerssv exactly	-0.1647	0
7474	@wholemarsblog @alesssj4 yup	0.5575	0
7475	@nikola_truth haha true	0.5575	0.7003
7476	great mission patch design! <a href="https://t.co/p2ic1crpef">https://t.co/p2ic1crpef</a>	0.5575	0.6249
7477	@universal_sci asteroid impact risk is well understood, but not comets. those worry me.	0.5575	-0.4404
7478	@tomdestella i want to do electric vtol supersonic sooo bad, but my brain will overload	0.5575	-0.4939
7479	@flcnhv it will blow ur mind haha <a href="https://t.co/lqnken5kjn">https://t.co/lqnken5kjn</a>	0.5575	0.4588
7480	@teslaownerssv ok	0.5575	0.296
7481	@giuliocoraggio absolutely, but it doesn't seem that govt can move fast enough	0.5575	0
7482	@icannot_enough @flcnhv @tesla your insights over the years have been excellent. that's approximately right.	0.5575	0.5719
7483	@icannot_enough @flcnhv @tesla autopilot was trapped in a local maximum, labeling single camera images uncorrelated in time. now, it is not.	0.5575	-0.5267
7484	@ppathole @icannot_enough @flcnhv @tesla dojo is still being built. maybe a year or so from v1.0.	0.5575	0
7485	@teslaownerssv @ppathole @icannot_enough @flcnhv @tesla a lot of work remains. technically, we have it working in sim with fpgas at ~0.01% capability. this will be a true supercomputer.	0.5575	0.4215
7486	@realwillreil @giuliocoraggio 🚫🚫 hasty govt 🚫🚫	0.5575	0
7487	@flcnhv @icannot_enough @tesla this is out of our hands, so hard to predict. maybe on order of 10 billion km of real world driving will be enough to convince regulators.	0.5575	-0.1027
7488	<a href="https://t.co/mdopo17yb9">https://t.co/mdopo17yb9</a> <a href="https://t.co/326rkueyw8">https://t.co/326rkueyw8</a>	0.5575	0
7489	@engineers_feed this is how we make falcon 9	0.5575	0
7490	@kristennetten @engineers_feed metal has a fudge-like consistency near its melting point, so you can just smoosh it together	0.5575	0.3612
7491	a truly useful exaflop at de facto fp32	0.5575	0.7003
7492	@long_elon crysis rocks	0.5575	0
7493	@dr_rami @tomdestella @robertdowneyjr seriously	0.5575	-0.1779
7494	sounds right <a href="https://t.co/dm76fjq3hx">https://t.co/dm76fjq3hx</a>	0.5575	0
7495	we must pass the great filter	0.5575	0.6249
7496	@nickcappelli @grimezs yes, it's called cyber girl	0.5575	0.4019
7497	@tbdnonymous yes. probably more accurate to say great filters plural.	0.5575	0.7783
7498	@nickcappelli @grimezs cover of barbie girl	0.5575	0
7499	history is written by the victors ... except on wikipedia haha	0.5575	0.4588
7500	please trash me on wikipedia, i'm begging you	0.5575	0.3182
7501	@wholemarsblog 🚫🚫	0.5575	0
7502	@billratchet 😊	0.5575	0
7503	@cowderysedge @tbdnonymous very real possibility	0.5575	0
7504	@euricsanti @luisabinader @tesla thank you, tesla is most honored!	0.5575	0.743
7505	@awardsdarwin bold move, sir, bold move	0.5575	0.6369
7506	@drphiltill africa is big	0.5575	0
7507	some big milestones coming up <a href="https://t.co/k3v3yddg6j">https://t.co/k3v3yddg6j</a>	0.5575	0
7508	"tanks 4 the memery" - panzer of the lake	0.5575	0
7509	@evafoxu that's a great one	0.5575	0.6249
7510	@flcnhv @nickcappelli @grimezs you got it <a href="https://t.co/f2rxgcz964">https://t.co/f2rxgcz964</a>	0.5575	0
7511	@booster_buddies @nasaspaceflight my button-twiddling makes no sense at all 🚫🚫	0.5575	0

7512	@stevestuwill @jagarikin wow	0.5575	0.5859
7513	cybertruck option package <a href="https://t.co/6vz4xnohf9">https://t.co/6vz4xnohf9</a>	0.5575	0
7514	@universal_sci pretty much	0.5575	0.4939
7515	@universal_sci also, there could be long period comets that intersect earth right now. we just haven't observed them during humanity's (very short) recorded history. comet s-1 9 punched a roughly earth-sized hole in jupiter. <a href="https://t.co/ne7dm0yaxx">https://t.co/ne7dm0yaxx</a>	0.5575	0
7516	@ppathole the "early investor" part of tesla is wrong. that bs has been pushed by eberhard (worst person i've ever worked with and that's saying something!) for years.	0.5575	-0.802
7517	@ppathole @universal_sci this might sting a little ...	0.5575	0
7518	@c_bass3d @erdayastronaut @nasaspaceflight @felixschlang very impressive render. note, legs will be bigger & there'll be way more stuff in engine bay. main engines actually do majority of work in turning ship vertical before landing.	-0.1485	0.5106
7519	@erdayastronaut yeah, starship will be a tiny dot at 20km. hard to see with naked eye. we'll do lots of flights.	-0.1485	0.2023
7520	raptor engine just reached 330 bar chamber pressure without exploding! <a href="https://t.co/kvkrwksvab">https://t.co/kvkrwksvab</a>	-0.1485	-0.2023
7521	@nasaspaceflight sn40 is about to be tested & has several upgrades over 330 bar engine. for reference, 330 bar on raptor produces ~225 tons (half a million pounds) of force.	-0.1485	0
7522	@justpaulinelol @nasaspaceflight that's engine sn. we're building sn8 of the ship.	-0.1485	0
7523	@adamblitzer @levie 🚀	-0.1485	0
7524	@erdayastronaut @programmerdude max demonstrated raptor thrust is ~225 tons & min is ~90 tons, so they're actually quite similar. both merlin & raptor could throttle way lower with added design complexity. raptor preburner & merlin gas generator flameout are what limit lower bound.	-0.1485	-0.5267
7525	@jwangark humans are swiftly becoming a small percentage of total compute	-0.1485	0
7526	@rgvaerialphotos @spacex @erdayastronaut this little spit of dirt will take us to mars	-0.1485	-0.2748
7527	@spendg8 yes	-0.1485	0.4019
7528	@natgeo must be aliens	-0.1485	0
7529	@valleyhack @geoffdbarrett up there somewhere, cruising through deep space <a href="https://t.co/pcybhfpnad">https://t.co/pcybhfpnad</a>	-0.1485	0
7530	@biindia 😊	-0.0539	0
7531	ms tree catches fairing in her net <a href="https://t.co/sqlj63netb">https://t.co/sqlj63netb</a>	-0.0539	0
7532	@krystof_mitka @biindia winning "worst person i've ever worked with" is not easy. some real champions are vying for that title!	-0.0539	0.296
7533	@erdayastronaut yeah, will post shortly	-0.0539	0.296
7534	aloha, welcome back from space 🌎 <a href="https://t.co/xwpn09wtaw">https://t.co/xwpn09wtaw</a>	-0.0539	0.4588
7535	@davidgokhshtein yes	-0.0539	0.4019
7536	@spaceintellige3 @guidodecaso @cnunezimages my favorite is one in tension, other dof in compression. new roadster wheels will only have one nut.	-0.0539	0.1779
7537	@teslarati we really need a bigger one, so adults can squeeze in too. guaranteed to make a party more fun. works well with flamethrowers!	-0.0539	0.7964
7538	@zubinanary @spaceintellige3 @guidodecaso @cnunezimages yes, it will have huge nuts haha	-0.0539	0.6908
7539	@nextspaceflight payload reduction due to reusability of booster & fairing is <40% for f9 & recovery & refurb is <10%, so you're roughly even with 2 flights, definitely ahead with 3	-0.0539	0.4019
7540	@erdayastronaut @c_bass3d @nasaspaceflight @felixschlang it's counter-intuitive, but raptor has so much thrust at high isp with liquid (high density) propellant & pump-fed (light tanks), that it beats hot gas for the flip. that said, hot gas beats the heck out of n2 for orbital manuevers & stabilizing ship if landing in high winds!	-0.0539	0
7541	@antonioetayo @erdayastronaut @c_bass3d @nasaspaceflight @felixschlang yes	-0.0539	0.4019
7542	@spacecoast_stve scorcher vi <a href="https://t.co/34o80p1hi6">https://t.co/34o80p1hi6</a>	-0.0539	0
7543	@cnunezimages @spaceintellige3 i've been working in boca since sunday. august heat & humidity in south texas is intense! if you think of it like a tropical resort, that makes it better though.	-0.0539	0.6908
7544	@erdayastronaut @nextspaceflight i don't want to be cavalier, but there isn't an obvious limit. 100+ flights are possible. some parts will need to be replaced or upgraded. cleaning all 9 merlin turbines is difficult. raptor is way easier in this regard, despite being a far more complex engine.	-0.0539	0.1531
7545	@evafoxu @cnunezimages @spaceintellige3 absolutely 😊 🚀	-0.0539	0
7546	@erdayastronaut @cnunezimages @spaceintellige3 mostly for employees, but we'll support public access whenever it's safe & secure. public support is critical to making life multiplanetary.	-0.0539	0.7184
7547	@flcnhv @erdayastronaut @nextspaceflight almost never need to replace whole engine, but some individual parts like turbine wheels need to be replaced over time. similar to a jet engine.	-0.0539	0.3612
7548	@tobyliiiiiiii @erdayastronaut @nextspaceflight we will push for ten flights with starlink	-0.0539	0
7549	@teslateseted that's an error in canada. the lease payment is specifically lower than loan financing, as tesla expects to repossess the car. this is essentially a bet on residual value. if you believe residual value will rise, buy on loan, if you think it will drop, then lease.	-0.0539	-0.296

7550	@daniellefong @ajtourville @comma_ai @tesmanian_com absolutely needs liquid cooling. we're applying our experience cooling half megawatt drive unit power electronics in cars to computers.	-0.0539	0
7551	@wholemarsblog @ajtourville @comma_ai @tesmanian_com yes	-0.0539	0.4019
7552	@everydayelon @ajtourville @comma_ai @tesmanian_com yes	-0.0539	0.4019
7553	he might run for president in 2024 <a href="https://t.co/wo34fhkugu">https://t.co/wo34fhkugu</a>	-0.0539	0
7554	medical check is a-ok! <a href="https://t.co/ztrmvq6wvx">https://t.co/ztrmvq6wvx</a>	-0.0539	0.296
7555	@geffenavraham @bryanflanks @spellmender @vladkarmon @torybruno @ulaengineer @spaceX ↗	-0.0539	0
7556	@harsimranbansal @evafoxu true 🎉	0.4264	0.4215
7557	bureaucracy is inherently kafkaesque	0.4264	0
7558	@wholemarsblog it's quite hard for us to write the software needed to cover basic car functionality, but maybe we could do something of this nature	0.4264	-0.1761
7559	✉️	0.4264	0
7560	@janeidyeve direct democracy. short, comprehensible laws voted on directly by the people. snake jazz.	0.4264	0
7561	@janeidyeve or a self-perpetuating autocracy based on a farcical aquatic ceremony where the king is chosen by a wise panzer in a lake	0.4264	0.4767
7562	@flcnhvY @janeidyeve hopefully, we have achieved ai symbiosis by then	0.4264	0.4019
7563	<a href="https://t.co/bki5sooroe">https://t.co/bki5sooroe</a>	0.4264	0
7564	new tesla feature coming that enables your car to play snake jazz or polynesian elevator music through its outside speakers wherever you go	0.4264	0.34
7565	@jussiwen hardcore techno, aber vielleicht ein bisschen fahrstuhlmusik auf der toilette	0.4264	0
7566	@dami_kolz09 🎉	0.4264	0
7567	@sinan25 sorry, noise reduction has gotten much better recently & will continue to improve	0.4264	0.6705
7568	<a href="https://t.co/hkpwjnxsc strikes again!">https://t.co/hkpwjnxsc strikes again!</a>	0.4264	-0.3612
7569	more fun games coming soon to ur tesla <a href="https://t.co/zbdygouhsz">https://t.co/zbdygouhsz</a>	0.4264	0.5106
7570	@darpa uh oh	-0.0868	0
7571	@tesmanian_com accurate distance calculation using only vision is fundamental. other sensors can help, but are not fundamental.	-0.0868	0.5719
7572	a metaphor for life <a href="https://t.co/cdll4ielju">https://t.co/cdll4ielju</a>	-0.0868	0
7573	@nasaspaceflight starship/super heavy, which is ~10x mass of zenith, will mostly launch from ocean spaceports long-term	-0.4737	0.5994
7574	@skorusark 400 wh/kg *with* high cycle life, produced in volume (not just a lab) is not far. probably 3 to 4 years.	0.0671	0
7575	@coach23life i tried to warn them, but they just dug their own grave twice as fast!	0.0671	-0.3818
7576	@shortword on it	0.0671	0
7577	@schristakos @skorusark sure	0.0671	0.3182
7578	@nasaspaceflight yeah. occasional flights from land are ok, but frequent (daily) flights probably need ~30km / 18 miles clear area for noise.	0.0671	0.7184
7579	@erdayastronaut orbital launch mount	0.0671	0
7580	@jwangark @wintonark very different computers are needed for training vs inference. fsd is mostly int8, but dojo is de facto fp32 (feels like fp32, but actually fp16 with boring bits truncated) so we don't need to rewrite all the training software. it should work almost immediately.	0.0671	0.0516
7581	@jchybow @jwangark @wintonark it's almost working reliably	0.0671	0
7582	@universal_sci perhaps one day there will be an ocean on the northern part of mars	0.0671	0
7583	@waitbutwhy now i want candy	0.0671	0.0772
7584	@erdayastronaut @dauqhx @universal_sci starship propellant is ~78% oxygen, so an o2 plant on the moon would be enough. otherwise, we could brute-force it with tankers to low earth orbit. that's probably faster.	0.2119	-0.2732
7585	@ppathole @erdayastronaut @dauqhx @universal_sci mars is easier than the moon for propellant production. could get going with only one ship, where the ship itself is the propellant plant. needs to make ~2 tons/day.	0.2119	0.4215
7586	@owensparks_ @ppathole @erdayastronaut @dauqhx @universal_sci no	0.2119	0
7587	@engineers_feed astronaughty	0.2119	0
7588	live webcast of working @neuralink device friday 3pm pacific <a href="https://t.co/poulbrgzfu">https://t.co/poulbrgzfu</a>	0.2119	0
7589	lengthy background on neuralink by @waitbutwhy <a href="https://t.co/z2yfaupdrd">https://t.co/z2yfaupdrd</a>	0.2119	0
7590	@flcnhvY @neuralink yes, will show v2. still far from lasik, but could get pretty close in a few years.	0.2119	0.7096
7591	@erdayastronaut @tesla no, we're focused on developing new products & scaling production	0.2119	0.3818
7592	@flcnhvY exactly	0.0825	0
7593	@teslarati tesla brake lights are powered by a miniverse inside a microverse <a href="https://t.co/aduotl537t">https://t.co/aduotl537t</a>	0.0825	0
7594	@slashdot <a href="https://t.co/woiwia7tn">https://t.co/woiwia7tn</a>	0.0825	0
7595	olde skoole analog synthesizer from ancient britain <a href="https://t.co/jg0fi3chxc">https://t.co/jg0fi3chxc</a>	0.0825	0

7596	@ppathole asimov was 💧 💧	0.0825	0
7597	the big bang started very, very smōl <a href="https://t.co/xvvcualz2o">https://t.co/xvvcualz2o</a> <a href="https://t.co/8r92iexvvn">https://t.co/8r92iexvvn</a>	0.0825	0
7598	@lexfridman then they leave the house and hardly ever call their parents!	0.0825	-0.0516
7599	@cleantechnica nothing 💬	0.0825	0
7600	@cleantechnica but actually nothing. was surprised to hear they're across the road. adding silicon to carbon anode makes sense. we already do. question is just what ratio of silicon to carbon & what shape? silicon expands like crazy during discharge & comes apart, so cycle life is usually bad.	0.0825	-0.6207
7601	@wholemarsblog we were too obtuse for our own good, although i think it works esthetically. those are folded-over current collectors at the top/bottom of the cell, which are important, but i don't want to jump the gun on sept 22 ...	0.0825	0.5267
7602	@itmotivatesus only so many days @waitbutwhy <a href="https://t.co/19h4u8ta2a">https://t.co/19h4u8ta2a</a>	0.0825	0
7603	@thejackbeyer @nasaspaceflight brave starhopper carried the day	0.0825	0.5267
7604	@teslarati much appreciated. this was a serious attack.	-0.3539	-0.0258
7605	@gerberkawasaki @tesla thanks to a smart and hardworking team at tesla. these sure are wild times ...	-0.3539	0.7845
7606	@evafoxu that number sure comes up a lot 💩 💩	-0.3539	0.3818
7607	@djsnm they're quite accurate!	-0.3539	0
7608	@zeitmas @djsnm soon	-0.3539	0
7609	@flcnhv @djsnm neuralink this month & tesla next month, spacex probably october. we will have made a lot of progress by then. might have a prototype booster hop done by then.	-0.3539	0.4215
7610	@astrojordy @flcnhv @djsnm boring co tunnel in vegas is only a few months from being operational	-0.3539	-0.3182
7611	@erdayastronaut @flcnhv @djsnm only need 2 engines	-0.3539	0
7612	neuralink product demo in 3 hours. webcast at <a href="https://t.co/y9wred78oj">https://t.co/y9wred78oj</a> .	-0.3539	0
7613	@tobyliliiliili @erdayastronaut @flcnhv @djsnm testing with shorter rvac skirt went well. full length skirt test coming soon.	-0.3539	0.2732
7614	"all of physics is either impossible or trivial. it is impossible until you understand it, and then it becomes trivial." e rutherford	-0.3539	-0.0516
7615	ahem ... starting soon <a href="https://t.co/ecghh5ston">https://t.co/ecghh5ston</a>	0.7410	0
7616	conceptual telepathy	0.7410	0
7617	@tesmanian_com good summary	0.7410	0.4404
7618	@ieeespectrum @neuralink pretty much	0.7410	0.4939
7619	@ppathole @ieeespectrum @neuralink a nightcap would probably work best	0.7410	0.6369
7620	@id_aa_carmack i like c, because it avoids class warfare	0.7410	0.3612
7621	@ppathole @id_aa_carmack actually c, although the syntax could be improved esthetically	0.7410	0.4767
7622	@evafoxu @waitbutwhy yup	0.7410	0
7623	@flcnhv @ppathole @id_aa_carmack later versions of a larger device would have that potential	0.7410	0
7624	@biogirl09 @janeidyeve @tesmanian_com @spacex we can't have a blanket pass, but maybe for some events	0.7410	0
7625	@icannot_enough critical feedback is always appreciated btw	0.7410	0.25
7626	@icannot_enough people read too much into this level of detail. it's not useful for predicting the future, nor can we ourselves accurately predict what issues we will encounter on a short-term, fine-grained level.	0.7410	0.5719
7627	@marcushousegame @neopork85 @spacex @erdayastronaut @spacetoday1 @elonsworld @felixschlang @chrsg_nsf @djsnm yes. this is the hardest part of the booster design.	0.7410	0.4019
7628	@wholemarsblog @marcushousegame @neopork85 @spacex @erdayastronaut @spacetoday1 @elonsworld @felixschlang @chrsg_nsf @djsnm not yet	0.7410	0
7629	@tlowdon @ethicalskeptic some of the tests we initially tried at tesla were ~50% false positive, including some from major medical device companies. too many testing methods were approved too quickly. wouldn't blame the fda, though. public was demanding fast test approval.	0.7410	0.7964
7630	@kulability @tlowdon @ethicalskeptic one person at tesla (out of 60,000) was hospitalized in serious condition (he caught cov2 at home, not work), no deaths. i called his wife & hayward hospital to make sure he was getting the right treatment, but which he was.	0.7410	0.25
7631	@ppathole @tlowdon @ethicalskeptic yeah	0.7410	0.296
7632	@tlowdon @ethicalskeptic antibody half-life for cov2 is very short. in a study that spacex did working with harvard epidemiology, it appears to be as low as 2 or 3 weeks. nonetheless, reinfection rates are very low & symptoms are minor, perhaps due to memory t cells <a href="https://t.co/z9wlvijotw">https://t.co/z9wlvijotw</a>	0.7410	-0.4939
7633	@l_vaux @kulability @tlowdon @ethicalskeptic people are extremely unlikely to die of covid/sars-cov2 alone. if you have multiple pre-existing health conditions & a weak immune system, then you have significant mortality risk from many diseases (not just covid/sars-cov2) that would otherwise have minor effect.	0.7410	-0.8008

7634	@ruskin147 it is unfortunately common for many in academia to overweight the value of ideas & underweight bringing them to fruition. for example, the idea of going to the moon is trivial, but going to the moon is hard.	0.7410	-0.128
7635	@justpaulinelol it's too embarrassing	0.7410	-0.3818
7636	@teslaownerssv @justpaulinelol yeah, he sent it to me through a mutual physics prof friend at caltech/cern. very basic stuff. <a href="https://t.co/ci2dzegjcb">https://t.co/ci2dzegjcb</a>	0.7410	0.6597
7637	@gerberkawasaki wow, i super loved astronomy (but took it at queens, not penn)! definitely one of my favorite classes. senior year quantum mechanics at penn was the hardest class i ever took. that stuff will mess with your mind.	0.7410	0.9538
7638	@flcnhv @gerberkawasaki alexander and the rise of hellenism and film studies	0.7410	0
7639	@flcnhv @gerberkawasaki also, critical thinking	0.7410	-0.3182
7640	@engineers_feed technically, james watt measured a pony, added 50% & rounded up haha <a href="https://t.co/vnko0mtruc">https://t.co/vnko0mtruc</a>	0.7410	0.4588
7641	@teslarati tesla germany designed & built the vaccine rna printers for curevac, but, subject to some curevac ip, they could be made for other companies too	0.7410	0
7642	@samtalkstesla @teslarati if some company has solved a useful thing that we can just buy, that would be great! it's so much work to create our own tech. we develop new tech, because we have to, not because we want to.	0.7410	0.8885
7643	@nigel_lockyer @penn @fermilab physics is the law, everything else is a recommendation	0.7410	0
7644	@vitalvegas cool	0.7410	0.3182
7645	@nigel_lockyer @penn @fermilab if you ever want to build a long accelerator tunnel, straight or circular, i know some people ...	0.7410	0.296
7646	<a href="https://t.co/ovaohsg1of">https://t.co/ovaohsg1of</a>	0.7410	0
7647	@ppathole @nigel_lockyer @penn @fermilab lhc tbh	0.7410	0
7648	@frydave @youyanggu @dfisman yeah	-0.4823	0.296
7649	@teslaownerssv @justpaulinelol <a href="https://t.co/qobvxgq8fz">https://t.co/qobvxgq8fz</a>	-0.4823	0
7650	@teslaownerssv @justpaulinelol <a href="https://t.co/0ckvhrtmf1">https://t.co/0ckvhrtmf1</a>	-0.4823	0
7651	@erdayastronaut @flcnhv @gerberkawasaki videodrome	-0.4823	0
7652	@alert_alarms just go through resonant modes fast. it's when you hang out there that problems arise.	-0.4823	-0.4019
7653	@spceenthusiast @tjmurphy_mit @thesheetztweetz @exploremars @spacex @theespacedude yeah	-0.4823	0.296
7654	@spceenthusiast @tjmurphy_mit @thesheetztweetz @exploremars @spacex @theespacedude over time, outer 20 will have ~300 tons of thrust & inner 8 ~210, so roughly 7500 tons total at sea level or 1.5 t/w for booster+ship	-0.4823	0
7655	@slashdot an ai with 🍀 picking as its goal will result in strawberry fields forever	-0.1086	0
7656	@stefantpeterson @tesla trust ur butt haha	-0.1086	0.743
7657	@sara_boutall @tesla 🎉🎉	0.1649	0
7658	DE ❤️ giga berlin mannschaft ❤️ DE vielen dank für ihre hervorragende arbeit an giga berlin!! <a href="https://t.co/kvo5mbfnxt">https://t.co/kvo5mbfnxt</a>	0.1649	0
7659	@austinbarnard45 starship sn6 flew asimilar hop to sn5, but it was a much smoother & faster operation	0.1649	0
7660	@ppathole @curevacrna exactly. this is not fully appreciated.	0.1649	0.5563
7661	turns out you can make anything fly haha <a href="https://t.co/fjdhqrdvdb">https://t.co/fjdhqrdvdb</a>	0.1649	0.4588
7662	model 3 rated as most reliable car <a href="https://t.co/26dagjltdy">https://t.co/26dagjltdy</a>	0.1649	0
7663	@skorusark chart understates lithium-ion potential by roughly 1/3	0.1649	0
7664	@tesmanian_com yes	0.1649	0.4019
7665	if you bombard earth with enough photons, eventually it emits a tesla (ak)	-0.6118	0
7666	@bnordhaug and starts tweeting	-0.6118	0
7667	@harsimranbansal haha	-0.6118	0.4588
7668	a la guerre comme à la guerre	-0.6118	0
7669	@teslarati rawlinson didn't design model s. prototype was done before he joined & he left us in the lurch just as things got tough, which was not cool. he did make some contributions to body/chassis engineering, but not to powertrain, battery, electronics or software.	0.0854	0.2023
7670	@evafoxu 13	0.0854	0
7671	@mstrofuniverse @ppathole @evafoxu yup	0.0854	0
7672	@rbreich all tesla workers also get stock, so their compensation increased proportionately. you are a modern day moron.	0.0854	0.2732
7673	@techgnostik @rbreich touché	0.0854	0
7674	@klee_filmreview !	0.0854	0
7675	@disruptresearch tesla is best understood as a collection of about a dozen startups, mostly in series, increasingly in parallel. every product line & new production system was invented. instead of playing chess with the same pieces as everyone else, create new pieces.	-0.3742	0.7964
7676	@wintonark true	-0.3742	0.4215
7677	@charliemunger00 @univercurious munger is right	-0.3742	0

7678	@ppathole @eugenelee3 @univercurious 1+1=2	-0.3742	0
7679	@slashdot vera rubin observatory is cool	-0.3742	0.3182
7680	bitte arbeiten sie bei tesla giga berlin! es wird super spaß machen!! <a href="https://t.co/fcnopr2oii">https://t.co/fcnopr2oii</a>	-0.2737	0.5994
7681	@flcnhv DE natürlich DE	-0.2737	0
7682	@jhall @rbreich if reich actually cares about global warming, why is he making so much hot air!?	-0.2737	0.1531
7683	@ostimusic we will make super efficient home hvac with hepa filters one day	-0.2737	0.7717
7684	many exciting things will be unveiled on battery day 9/22 ↴	-0.2737	0.4939
7685	@astra sorry to hear that. i'm sure you'll figure it out though. took us four launches to reach orbit. rockets are hard.	0.6059	0.1779
7686	@richardreinari he has no clue	0.6059	0
7687	@c_bass3d @nasaspaceflight @marcushousegame cool	0.6059	0.3182
7688	@wholemarsblog and this still isn't using the dramatically better "4d" (aka simultaneous surround video from 8 cameras) architecture	0.6059	0.4404
7689	@brandonbernicky @wholemarsblog releasing private beta in 2 to 4 weeks, public beta (early access owners who opt in) 4 to 6 weeks after that, then all us tesla owners mid december. above schedule is contingent upon not encountering major unexpected setbacks.	0.6059	0
7690	@flcnhv @wholemarsblog yes	0.6059	0.4019
7691	@whatsupfranks @brandonbernicky @wholemarsblog much	0.6059	0
7692	@samiralyateem @wholemarsblog all frames stitched to single frame (tricky, as all cameras overlap in different ways) & then creating video segments for labeling & training. everything from the labeling tools themselves to training to inference had to be rewritten.	0.6059	0.1531
7693	@ppathole @wholemarsblog yes. good insight.	0.6059	0.6808
7694	@whatsupfranks @samiralyateem @wholemarsblog exactly. problems like that have been addressed.	0.6059	-0.0516
7695	@spacepadreisle @bocachicagal @nasaspaceflight can someone do a boat service from south padre to boca?	0.6059	0
7696	sn8 starship with flaps & nosecone should be done in about a week. then static fire, checkouts, static fire, fly to 60,000 ft & back.	0.6059	-0.5859
7697	one way or another, excitement guaranteed! support of greater boca, padre, brownsville community is very much appreciated.	0.6059	0.8934
7698	@_rykllan @felixschlang @spacexcentric @marcushousegame @spacex anyone tracking tonnage to orbit per year for all launch vehicles?	0.6059	0
7699	@ppathole @_rykllan @felixschlang @spacexcentric @marcushousegame @spacex that's the number that really matters	0.6059	0.1761
7700	@erdayastronaut i'm wearing your f-1 engine shirt right now!	0.6059	0
7701	@sama the story of civilization. first book is a little dry, but second book, the life of greece, is incredible. <a href="https://t.co/46lbcix7fi">https://t.co/46lbcix7fi</a>	0.6059	0
7702	@historyinpics the lego movie was awesome	0.6059	0.6249
7703	@flcnhv @sama true	0.6059	0.4215
7704	@engineers_feed seems like they should make a whole outfit out of that material	0.6059	0.3612
7705	@cleantechica definitely not. smartwatches & phones are yesterday's technology, neuralinks are the future.	0.6059	0.4019
7706	@ercxspace pretty accurate simulation, although sn8 will use 3 raptors. if sn8 craters, sn9 & sn10 are close behind. high production rate allows for fast iteration.	0.1070	0.4939
7707	@matthewcable6 @ercxspace just a guess, but probably mid teens. booster & stacking on orbital pad are likely limiting factors. we'll build several ships just to improve the production system.	0.1070	0.4404
7708	@valaafshar tunnels are the solution to traffic. you can have as many levels as you want. usable tunnel depth far exceeds tallest buildings, so would work even for new york or beijing.	0.1070	0.3818
7709	embrace tunnels!	0.1070	0
7710	@flcnhv gary the snail is still winning, but we're gaining on him/her	0.1070	0.5267
7711	@ppathole exactly	0.1070	0
7712	@arkinvest @aurmanark good analysis	0.1070	0.4404
7713	have you hugged a tunnel today?	0.1070	0
7714	@jackfarrington @tesla good point	0.1070	0.4404
7715	@jackfarrington for sure	0.1070	0.3182
7716	tunnels under cities with self-driving electric cars will feel like warp drive  first operational tunnel under vegas almost done  the @boringcompany	0.1070	0.3612
7717	<a href="https://t.co/vn0rv0yq5q">https://t.co/vn0rv0yq5q</a>	-0.0746	0
7718	story of my life	-0.0746	0
7719	@johnnacrider1 @jhall they remind me of these guys <a href="https://t.co/qt502u08np">https://t.co/qt502u08np</a>	-0.0746	0

7720	@engineers_feed at first, i thought that was a parrot	-0.0746	0
7721	@id_aa_carmack @lexfridman a bit more obscure, but starhammer & stainless steel rat	-0.0746	0
7722	@tesladri @id_aa_carmack @lexfridman should be happening soon	-0.0746	0
7723	@flcnhv @lexfridman yeah	-0.0746	0.296
7724	doubles as an underground nuclear shelter 😊 ↗ <a href="https://t.co/cvi0yrjobe">https://t.co/cvi0yrjobe</a>	-0.0746	0
7725	♥ fallout radio ♥ <a href="https://t.co/gno8xfjx8b">https://t.co/gno8xfjx8b</a>	-0.0746	0
7726	@kristennetten great idea!	-0.0746	0.6249
7727	fallout shelter is on your tesla. tap the entertainment button.	-0.0746	0.4215
7728	@coderfoot @m2jr @berniesanders yup	0.0272	0
7729	@cleantechnica no, but you make some great points. important to note that iron's cost advantage is partly offset by increased pack mass, so the fully considered cost is closer to nickel. that said, iron alleviates much of the scaling problem.	0.0272	0.7203
7730	speedrunning factorio in real life ...	0.0272	0
7731	@teslarati it will be very insane	0.0272	-0.4019
7732	@chrisdungeon lot has happened in 13 years	0.0272	0
7733	@erdayastronaut current was too strong for dreship to hold station. thrusters to be upgraded for future missions.	-0.1952	0.5106
7734	@tenetfilm good movie	-0.1952	0.4404
7735	@deborahpatteri @tenetfilm sure, but which planet?	-0.1952	0.3182
7736	of course i still love you	-0.1952	0.6369
7737	@fermatlibrary irrational is such a funny word to describe numbers	-0.1625	0.128
7738	@trungtphan to be frank, in the early days, i thought there was >90% chance that both spacex & tesla would be worth \$0. the press & aerospace / automotive industry at the time (correctly) agreed with me.	-0.1625	0.7269
7739	if you feel neuralink might have incorrectly overlooked your resume or declined to make an offer, please lmk in comment below <a href="https://t.co/g81rlbz0z">https://t.co/g81rlbz0z</a>	-0.1625	0.3182
7740	a prior track record of exceptional achievement in engineering *is* required, but *no* prior experience working on the brain or human physiology is required. we will teach you what's known about the brain, which is not much tbh.	-0.1625	0
7741	@wholemarsblog there'll be lots of green space around factory, but building itself is continuous. the "open" areas inside are covered. they're internal semi truck roads inside a giant monolithic building.	-0.1625	0
7742	@wholemarsblog yes	-0.1625	0.4019
7743	@id_aa_carmack for dojo, we're betting on fp16 with floating point (essentially, truncating mostly zeroes), so it feels like fp32 & existing software just works. we considered fp8 for a while, but everyone hated it. i even asked twitter! for inference, int8 works great.	-0.1625	0.765
7744	@llamaaa35079089 @id_aa_carmack @tesla you really want waypoints this much?	-0.1625	0.1513
7745	@soumiksf @id_aa_carmack dojo uses our own chips & a computer architecture optimized for neural net training, not a gpu cluster. could be wrong, but i think it will be best in world.	-0.1625	0.6249
7746	@samiralyateem @id_aa_carmack there are a lot of pointless zeroes in fp32 neural nets. you can chop off 16 of the 32 bits without losing meaningful precision. this works well with neural nets, but not with regular computing, which expects extreme precision.	-0.1625	0.323
7747	@soumiksf @id_aa_carmack yeah, we will open dojo for training as a web service once we work out the bugs	-0.1625	0.296
7748	@zog_fot_pik @samiralyateem @id_aa_carmack sure	-0.1625	0.3182
7749	@jgrano305 @soumiksf @id_aa_carmack it's big	-0.1625	0
7750	@flcnhv @soumiksf @id_aa_carmack pretty much any machine-learning	-0.1625	0.4939
7751	@lorenzoteixeir4 @zog_fot_pik @samiralyateem @id_aa_carmack true	-0.1625	0.4215
7752	@singing_surfer i'm pretty sure tesla could do a much better autocorrect. the bar is so low haha.	-0.1625	0.8519
7753	@arkinvest @tashaark good analysis, although i think we should wait until fsd is a bit more mature	-0.1625	0.6908
7754	@model3owners fine, we'll do it already 😊	-0.1625	0.2023
7755	@neopork85 @spacex @marcushousegame most likely, all flaps will fold after landing to reduce wind tip over force. there may be some cases where flaps deployed help stability (change in wind direction), in which case one or more flaps will extend.	-0.1625	0.5267
7756	@neopork85 @spacex @marcushousegame we really need better legs for starship. they're coming.	-0.1625	0.4902
7757	@evafoxu thanks!	-0.1625	0.4404
7758	important note about tesla battery day unveil tomorrow. this affects long-term production, especially semi, cybertruck & roadster, but what we announce will not reach serious high-volume production until 2022.	-0.1625	0.1531
7759	we intend to increase, not reduce battery cell purchases from panasonic, lg & catl (possibly other partners too). however, even with our cell suppliers going at maximum speed, we still foresee significant shortages in 2022 & beyond unless we also take action ourselves.	-0.1922	0.4767
7760	@nasaspaceflight @bocachicagal haha	-0.1922	0.4588

7761	the extreme difficulty of scaling production of new technology is not well understood. it's 1000% to 10,000% harder than making a few prototypes. the machine that makes the machine is vastly harder than the machine itself.	-0.1922	-0.0772
7762	@tobyliiiiiiii @caranddriver @tesla haha	-0.5332	0.4588
7763	@teslaownerssv cgi irl	-0.5332	0
7764	@umutcnbostanci yes	-0.5332	0.4019
7765	@wholemarsblog that's about right. maybe a little faster.	-0.5332	0
7766	@icannot_enough @wholemarsblog we will be a little below that this year (most challenging year we've ever had), but probably above that next few years	-0.5332	0.0828
7767	@futurejurvetson @hiromichimizuno thanks for your many years of support through very tough times!	-0.5332	0.6249
7768	cybertruck, atv, roadster & semi c a r s <a href="https://t.co/4aq1a5cykh">https://t.co/4aq1a5cykh</a>	-0.5332	0
7769	@tobyliiiiiiii @tesla roadster will be better	-0.5332	0.4404
7770	@neopork85 @spacex haha	-0.5332	0.4588
7771	@icannot_enough yes	-0.5332	0.4019
7772	@gfilche @yahoofinance yahoo finance is as dumb as it sounds	0.3569	-0.5106
7773	@1stprinciples4l @gfilche @yahoofinance yes	0.3569	0.4019
7774	@flcnhv @gfilche @yahoofinance pretty much	0.3569	0.4939
7775	@techamazing @univercurious jets are so cool	0.3569	0.3182
7776	@oneandonlyheady maybe i will ...	0.3569	0
7777	@wholemarsblog haha true	0.3569	0.7003
7778	@xiang_aw @wholemarsblog this does seem like the opposite of open. openai is essentially captured by microsoft.	0.3569	0.3612
7779	only thing beyond ludicrous is plaid <a href="https://t.co/rhuwk20egg">https://t.co/rhuwk20egg</a>	0.3569	-0.3612
7780	@erdayastronaut 107 expansion ratio. you can a little bit of flow separation towards the end of the nozzle.	0.1421	0
7781	@tobyliiiiiiii @erdayastronaut yeah, but might not need it	0.1421	0.296
7782	what can't we predict?	0.1421	0
7783	@podcastnotes genetic engineering is too slow unless you use a synthetic virus	0.1421	0
7784	@marlonsix60 or energy & time, but besides that what?	0.1421	0.2732
7785	@marlonsix60 where is our prediction of probability inaccurate?	0.1421	0
7786	@djsnm preburners ignite, then main chamber	0.1421	0
7787	@ppathole @erdayastronaut doesn't seem to be a problem. we could probably increase area ratio, given 330 bar max demonstrated chamber pressure.	0.1421	-0.3818
7788	@ppathole @erdayastronaut there are some practical size constraints too. can't be too big to fit in the engine compartment. but, it could be a little bigger. 380 sec isp would be nice.	0.1421	0.6486
7789	@ppathole @marlonsix60 true	0.1421	0.4215
7790	@muratpak ❤ ur algo	0.1421	0
7791	@marlonsix60 something appealing about hawking/hartle idea, but i agree with turok/feldbrugge/lehners	0.1421	0.3612
7792	@rgvaerialphotos ~9007mm	-0.1611	0
7793	@ajtourville can't support 3 wheel vehicles. not safe enough.	-0.1611	0.6808
7794	@evafoxu something like this <a href="https://t.co/ndvuumms67">https://t.co/ndvuumms67</a>	-0.1611	0.3612
7795	@justpaulinelol @evafoxu haha	-0.1611	0.4588
7796	centaur with a bow obviously <a href="https://t.co/cfkfkffxp0">https://t.co/cfkfkffxp0</a>	-0.1611	0
7797	@darealwamos turns out they mostly press the letter s & ☠ on the typewriter ☠ <a href="https://t.co/kaarajvl2b">https://t.co/kaarajvl2b</a>	-0.1611	0
7798	@ajtourville @munroassociates sandy munro understands engineering	-0.1611	0
7799	@enn_nafnlaus @ajtourville exactly	-0.1611	0
7800	@hisdirtremoves @spacex not bad	-0.1611	-0.5423
7801	@evafoxu true	-0.1611	0.4215
7802	@muratpak sure	-0.1611	0.3182
7803	@waitbutwhy <a href="https://t.co/v6us36yho6">https://t.co/v6us36yho6</a>	-0.1611	0
7804	starship sn8 with rear body flaps <a href="https://t.co/gdxmbzx0ct">https://t.co/gdxmbzx0ct</a>	-0.1611	0
7805	first flight is to 15km or ~50,000 ft	-0.1611	0
7806	@ppathole we just need enough height to test body flaps & drawing propellant from headers vs main tanks. will do several flights to confirm working well, then add heat shield & go high mach.	-0.1611	0.2732
7807	@nasaspaceflight @austinbarnard45 @ppathole 8 bar differential in ullage, 9 bar at base due to propellant head. it's enough. improvements in work.	-0.1611	0.3182
7808	@flcnhv @nasaspaceflight @austinbarnard45 @ppathole mostly 304l, some 301. broke at 301 to 304 interface. sn9 will be all 304. also, we're making some tweaks to the 304 alloy mixture.	-0.1611	-0.4215
7809	@artifactshub that species has stood the test of time	-0.1611	0

7810	@scottadamssays there are times when i feel like i'm living in a dilbert cartoon	-0.1611	0.3612
7811	thanks tesla team for great work on deliveries! for new owners, we super appreciate accommodating us on delivery timing! definitely one of our toughest quarters in global logistics.	-0.1611	0.946
7812	@erdayastronaut yes, the flaps are now directly driven by electric motors with a gearbox! no more hydraulics.	-0.1611	0.4019
7813	@id_aa_carmack completely agree	-0.1611	0.4201
7814	@kristennetten totally up to you, but if you head to a tesla delivery center near you & maybe help out new owners, that would be cool	-0.1611	0.6124
7815	@flcnhv @kristennetten checking into it	-0.1611	0
7816	@scottadamssays 🎉🎉	-0.1611	0
7817	@teslagong @drsallyl @sydney_ev @_teslatom @tesastraya @outbacktesla @ev_outback @michael01996367 @cvanderstock @teslaownersau @ahillfromoz @rjo71342 @evhq2 @michadru29 @dunkenbliths if it passes australian regulations, then sure	-0.1611	0.3182
7818	<a href="https://t.co/r1sox7vta8">https://t.co/r1sox7vta8</a>	-0.1611	0
7819	@wholemarsblog suppliers. we're only doing high energy nickel ourselves, at least for now. also, maybe the presentation wasn't clear that we've actually had our cells in packs driving cars for several months. prototypes are trivial, volume production is hard.	-0.1611	0.4939
7820	@pickenheim @matthew_kerle new version coming soon	-0.1611	0
7821	@brian_heide @tesla what about a heavy duty, paintball machine gun mounted on the bed rails?	-0.1611	-0.34
7822	@cathedwood we aren't cutting the price of model 3 to \$25k. i was referring to a future car that will be smaller than model 3.	-0.1611	0
7823	@flcnhv @cathedwood both will do original cars	-0.1611	0.3182
7824	@cathedwood @skorusark seven years for sure to 30m+ new fully electric vehicles per year, six years maybe. five years is possible, but unlikely. an extra year makes a giant difference when it comes to exponentials.	-0.1611	0.3182
7825	@cashmoneylemon @cathedwood @skorusark total market	-0.1611	0
7826	@teslavibes that's total market, not all tesla. we do see tesla reaching 20m vehicles/year probably before 2030, but that requires consistently excellent execution.	-0.1611	0.6705
7827	@austinbarnard45 true	-0.1611	0.4215
7828	@perezshivam @waemd @spacex fate loooves irony haha	-0.1611	0.4215
7829	@vm_one1 @waemd @spacex we will probably ipo starlink, but only several years in the future when revenue growth is smooth & predictable. public market does *not* like erratic cash flow haha. i'm a huge fan of small retail investors. will make sure they get top priority. you can hold me to it.	-0.1611	0.93
7830	@valaafshar @tesla having a low center of gravity makes a world of difference to safety	-0.0530	0.1779
7831	@samtalkstesla maybe we used too many magenta spotlights	-0.0530	0
7832	@univercurious @physicsj light is not as fast as you'd think	-0.0530	0
7833	@rationaletienne @wholemarsblog yes	0.0231	0.4019
7834	@evafoxy !!	0.0231	0
7835	@ppathole haha true. why do showers have such a wide range!?	0.0231	0.7003
7836	@austinbarnard45 weld esthetics will improve greatly in upcoming starships	0.0129	0.4404
7837	@futurejurvetson @cfs_energy @cup_plasma @mit it's cool & for sure can & should be done, but i suspect its best case will be more costly than wind & solar (aka big fusion reactor in sky)	0.0129	0.765
7838	@model3owners @futurejurvetson @cfs_energy @cup_plasma @mit that's very hard to do. have you tried pushing on the charge port door to open? it's designed to support a manual press to open as well as automatic.	0.0129	0.5267
7839	@thatt3slaguy @model3owners @futurejurvetson @cfs_energy @cup_plasma @mit yes, coming soon	0.0129	0.4019
7840	@somi_teslagirl @model3owners @futurejurvetson @cfs_energy @cup_plasma @mit the new heat pump in model y is what really makes the difference in cold weather	0.0129	0
7841	@zhauladventure @nasakennedy @ulalaunch @spacex @natreconofc good to see. inspiring for future of space!	-0.2093	0.6908
7842	@officialalishap @flcnhv @tesla glad to hear your mom is ok	-0.2093	0.6369
7843	@fox10phoenix 🎉🎉	-0.2093	0
7844	@mkbhdb it's next-level	-0.2093	0
7845	@erdayastronaut @nasaspaceflight @bocachicagal @thefavoritist the ship rings are thicker than they need to be (for now), so same thickness works for booster & ship for hoop stress. booster lower tank will have longitudinal stiffeners to prevent buckling.	-0.2093	-0.5994
7846	@adlanbogatyrov @erdayastronaut @nasaspaceflight @bocachicagal @thefavoritist great letter! it will be increasingly difficult to see starlink satellites, as we're actively working with the astronomer community to ensure that even the most sensitive telescopes are fine & scientific progress is not impeded.	-0.2093	0.8316

7847	@wholemarsblog @mkbhd yeah	-0.2093	0.296
7848	@thesheetztweetz @waemd @spacex @spacestarlink @wanationalguard starlink will be a revolution in connectivity, especially for remote regions or for emergency services when landlines are damaged	-0.2093	-0.6983
7849	@ppathole @erdayastronaut @nasaspaceflight @bocachicagal @thefavoritist probably 5 or 6 with an optimized tanker, although filling up the ship in orbit isn't required for mars, so 4 is possible	-0.2093	0.4588
7850	@rationaletienne @ppathole @thesheetztweetz @waemd @spacex @spacestarlink @wanationalguard yes, starlink is designed to enable competitive gaming	-0.2093	0.5267
7851	@tobyliiiiiiii @rationaletienne @ppathole @thesheetztweetz @waemd @spacex @spacestarlink @wanationalguard very soon for higher latitudes like seattle	-0.2093	0.3612
7852	@ppathole @thesheetztweetz @waemd @spacex @spacestarlink @wanationalguard average latency will improve as more satellites launch (directly above you more frequently) & more ground stations are deployed. as we're able to put more ground stations on roofs of server centers, legacy internet latency will be zero.	-0.2093	0.4404
7853	@william_m_brown @rationaletienne @ppathole @thesheetztweetz @waemd @spacex @spacestarlink @wanationalguard brownsville is quite far south, so probably 3 months or so for good connectivity — needs several more starlink launches. i'm using it at the little house i rent in the area. definitely not good there yet.	-0.2093	0.8176
7854	@spexcast @william_m_brown @rationaletienne @ppathole @thesheetztweetz @waemd @spacex @spacestarlink @wanationalguard great	-0.2093	0.6249
7855	@rationaletienne @spexcast @william_m_brown @ppathole @thesheetztweetz @waemd @spacex @spacestarlink @wanationalguard high frequency lasers are the way to go for sure	-0.2093	0.3182
7856	@tobyliiiiiiii @rationaletienne @spexcast @william_m_brown @ppathole @thesheetztweetz @waemd @spacex @spacestarlink @wanationalguard oh yeah, starship update coming in about 3 weeks. the design has coalesced. what is presented will actually be what flies to orbit as v1.0 with almost no changes.	-0.2093	0.296
7857	@teslaclubin @wholemarsblog @mkbhd next year for sure	-0.2093	0.3182
7858	@amoghbhushan @teslaclubin @wholemarsblog @mkbhd thanks for waiting!	-0.2093	0.4404
7859	@sofiaan @tesla haha	-0.2093	0.4588
7860	@mike94160775 @tesla @electrekco @teslarati glad you're ok!	-0.2093	0.6369
7861	@lexfridman i agree with lex	-0.0661	0.3612
7862	@spacex we will need to make a lot of improvements to have a chance of completing 48 launches next year!	-0.0661	0.5106
7863	@alandail @spacex exactly	-0.0661	0
7864	@erdayastronaut @spacex all of that and more. we're doing a broad review of launch site, propulsion, structures, avionics, range & regulatory constraints this weekend. i will also be at the cape next week to review hardware in person.	-0.0661	0
7865	@ppathole @spacex unexpected pressure rise in the turbomachinery gas generator	-0.0661	-0.296
7866	@teslaownerssv @spacex vector-space bird's eye view coming with fsd	-0.0661	0
7867	<a href="https://t.co/hyfszsr6m">https://t.co/hyfszsr6m</a>	-0.0661	0
7868	call of booty, great game	-0.0661	0.6249
7869	@model3teslaj coming soon	-0.0661	0
7870	@id_aa_carmack would be cool to put yourself in the mind of the car while it's driving	-0.0661	0.3182
7871	nothing can escape gravity, not even black holes (and they really tried!)	-0.0661	-0.1326
7872	new spacex dioneship will be called "a shortfall of gravitas"	-0.0661	0
7873	@samtalkstesla @teslaownerssv @ppathole @rationaletienne @stevenmarkryan @kristennetten @wholemarsblog pretty wild, considering that exxon was the most valuable company in the word when we went public 10 years ago	-0.0661	0.743
7874	hollywood should just start with the sequel & skip the original, because financials	-0.2667	0.3182
7875	@flcnhv the remake has the potential to be great. i kinda liked the original tbh, but it's possible to take it up a level.	-0.2667	0.8238
7876	rewatched young frankenstein this weekend. still awesome. ovaltine? <a href="https://t.co/wimdyfsuiq">https://t.co/wimdyfsuiq</a>	-0.2667	0.6249
7877	@christianserino <a href="https://t.co/glnevuneyl">https://t.co/glnevuneyl</a>	-0.2667	0
7878	@orionsgauntlet <a href="#">190</a>	-0.2667	0
7879	@kristennetten @flcnhv one of my favorite writers. foundation is tough to make into a movie, but has outstanding potential.	-0.2667	0.7579
7880	music volume on a tesla goes to 11, because it's louder than 10  <a href="https://t.co/ab5hamo3en">https://t.co/ab5hamo3en</a>	-0.2667	0
7881	@teslaownerssv fsd will solve these issues	-0.2667	0.2023
7882	turn volume to 11 & play powerglide in your tesla  <a href="https://t.co/l07yc02p7g">https://t.co/l07yc02p7g</a>	-0.2667	0.34

7883	@sciguyospace it's a step in the right direction, but they should really aim for full reusability by 2026. larger rocket would also make sense for literal economies of scale. goal should be to minimize cost per useful ton to orbit or it will at best serve a niche market.	-0.2667	0.7964
7884	@cleantechnica so crazy to subsidize pollution! this is not good for people, especially in dense cities with heavy traffic, where your air intake is jammed up against another car's exhaust pipe.	-0.2667	-0.1779
7885	5 minutes from launch. looks good so far. <a href="https://t.co/on2f1py5jt">https://t.co/on2f1py5jt</a>	-0.2667	0.4404
7886	@alvianchoiri ahem, yes, it was the 3rd flight of this booster & 3rd flight for active half of fairing. aiming for 10+ flights of booster & fairing by end of next year.	-0.2667	0.6597
7887	@ppathole @alvianchoiri roughly a week or two turnaround is all that's needed to meet max launch demand. starship super heavy is designed for reflight in less than an hour.	-0.2667	0.5267
7888	@flcnhv @alvianchoiri we're not seeing notable differences yet. i think the boosters could probably do 100+ reflights. some of the (small) composite helium tanks would need to be replaced. maybe turbopump hot sections.	-0.2667	0
7889	@dirtytesla @spacex it will soon	-0.2667	0
7890	@mdcainjr @spacex @45thspacewing @nasa great photo!	-0.0141	0.6249
7891	@samtalkstesla @spacex much sooner	-0.0141	0
7892	@erdayastronaut @trevormahlmann @johnkrausphotos @mike_seeley one of the best shots ever!	-0.0141	0.6369
7893	@klod_ua @erdayastronaut @trevormahlmann @johnkrausphotos @mike_seeley cryo pressure test succeeded, but a small leak opened up near the engine mounts, possibly due to differential shrinking	-0.0141	-0.2023
7894	@ppathole @klod_ua @erdayastronaut @trevormahlmann @johnkrausphotos @mike_seeley 7 bar absolute, which is fine for flight. this was a proof test, rather than a burst test. we'll hopefully fix the leak today & retest.	-0.0141	0.2732
7895	@wholemarsblog i do so wish that more companies would put down their spreadsheets for a moment and focus on making products that move your heart	-0.0141	0.4019
7896	@astrojordy @wholemarsblog they are	-0.0141	0
7897	@wholemarsblog berlin will use 4680 cell with structural battery pack & front & rear single piece castings. also, a new paint system.  lot of new technology will happen in berlin, which means significant production risk. fremont & shanghai will transition in ~2 years when new tech is proven.	-0.0141	-0.0772
7898	@wholemarsblog prototypes are a piece of cake, but high volume production of a new technology is extremely hard. takes much longer than people think to climb the production s-curve. i can't emphasize enough that production is by *far* the hard part.	-0.0141	-0.3369
7899	@skorusark marginal cost of starship mass to orbit should be well under \$100/kg. fully burdened cost depends on flight rate.	-0.0141	0.2732
7900	@evafoxu @wholemarsblog bringing a new product to volume production is 1% inspiration & 99% perspiration. you do still need that critical seed of inspiration, but it's fun & takes ~100 people. production takes >10,000 people & hurts like hell until the gigantic cybernetic collective runs smoothly.	-0.0141	0.7783
7901	@raytech247 @wholemarsblog the model 3 production ramp was sheer agony for two years, but that was do or die for tesla. no us car company has reached high volume production with sustained free cash flow in ~100 years. hundreds of car startups all died or were absorbed for peanuts by big three.	-0.0141	-0.5859
7902	@raytech247 @wholemarsblog but now we understand production much better. it will be our primary competitive advantage long-term.	-0.0141	0.6808
7903	@chananbos @raytech247 @wholemarsblog battery pack will be a bonded structure with cells providing shear transfer between steel upper & lower face sheets, eliminating most of the center body parts while providing better torsional rigidity & improved polar moment or inertia. this is a *major* breakthrough.	-0.0141	0.5859
7904	@teslaownerssv @raytech247 @wholemarsblog yes, the gigafactory is the hardest & most critical product	-0.0141	0.1027
7905	@flcnhv @teslaownerssv @raytech247 @wholemarsblog that would be like licensing battlestar galactica. actually building continuously evolving gargantuan factories is the hard part. lots of people who worked at tesla gigafactories now work at competitors, but none of those companies have made one.	-0.0141	0.2732
7906	@icannot_enough @wholemarsblog sandy munro understands engineering	-0.0141	0
7907	@alex_avoigt @mike_zimon @wholemarsblog that looks tasty!	-0.0141	0
7908	@brendan2908 @bocachicagal @nasaspaceflight high bay should be finished (except for the giant gantry crane) within a few weeks. super heavy stacking should begin around then.	-0.3046	0.5994
7909	@tribehoh @spacex @wastatecommerce you're most welcome!	-0.3046	0.4588
7910	@ihearttesla @alex_avoigt @mike_zimon @wholemarsblog döner kebab	-0.3046	0
7911	@ihearttesla @alex_avoigt @mike_zimon @wholemarsblog had the most amazing kebab ever just outside of tacheles. too bad that place got torn down. it was awesome.	-0.3046	0.6597

7912	@marcushousegame @brendan2908 @bocachicagal @nasaspaceflight mass ratio. liquid oxygen is much denser than liquid methane, even when the latter is cooled to just above its freezing point.	-0.3046	0
7913	@teslatested we just completed a financing round, but will let you know when there is another one	-0.3046	0
7914	@eugenelee3 @marcushousegame @brendan2908 @bocachicagal @nasaspaceflight we do have giant steel balls haha	-0.3046	0.4588
7915	@ercxspace @marcushousegame @brendan2908 @bocachicagal @nasaspaceflight aspiring to have no flame diverter in boca, but this could turn out to be a mistake	-0.3046	-0.34
7916	@icannot_enough @teslatested autopilot team is making great progress. reality sure is complicated!	-0.3046	0.8481
7917	@teslagong @teslatested yes	-0.3046	0.4019
7918	@kristennetten mimecraft	-0.3046	0
7919	@ercxspace @spacex @erdayastronaut @marcushousegame @felixschlang great render. note, there will need to be an arm that lifts booster to launch stand & ship to booster.	-0.3046	0.6249
7920	@akidesir @kristennetten yeah, we could put in a setting allowing it to drop as low as 5%	-0.3046	-0.25
7921	@tashaark waymo is impressive, but a highly specialized solution. the tesla approach is a general solution. the latest build is capable of zero intervention drives. will release limited beta in a few weeks.	-0.3046	0.8476
7922	@ppathole @tashaark yeah, provided we do our metal gear snake autocoupler	-0.3046	0.296
7923	@zainraz4 @ppathole @tashaark yes	-0.3046	0.4019
7924	@picklepunchd @ppathole @tashaark yes, we will play sexy snake jazz 🎵	-0.3046	0.8176
7925	@evhq2 @tashaark it should be	-0.3046	0
7926	@evhq2 @tashaark meant to say that it should be fixed in the latest wide release. won't need to wait for fsd.	-0.3046	0
7927	@renatakonkoly @franktinsley @ankitxupta @tashaark pretty much, but i think it may end on a high note	-0.0417	0.4939
7928	@tashaark additive manufacturing of parts is still far too costly for cars, but can rapidly create tooling to accelerate pace of innovation.  it's already sensible for rocket engine parts. to the best of our knowledge, spacex is 2 or 3 years ahead of other companies in use of additive.	-0.0417	0.836
7929	@johnkrausphotos @patreon @superclusterhq @spacex maybe this should be the flag of mars	-0.0417	0
7930	@astro_farmerbob @astro_pettit @astrokomrade @astroanimal great pics!	-0.0417	0.6249
7931	@ajtourville yeah, it's not a contest. advanced casting crushes best-case 3d printing, but casting doesn't work well for complex enclosed volumes & high strength or high temp alloys.	-0.0417	0.8689
7932	@johnkrausphotos @superclusterhq @spacex 🚀	-0.0417	0
7933	@nasaspaceflight passed cryo proof	-0.0417	0
7934	@sdg2030 @anandmahindra @metnigeorges @eriksolheim @berniehollywood norway leads the world	-0.0417	0
7935	@rgvaerialphotos @spacex i'm proud to say that that nose is pointier than it needs to be haha	-0.0417	0.7269
7936	@id_aa_carmack compilers need to improve imo. most type, pointer (or other memory) problems can be detected at compile time or disambiguated by asking the user.	-0.0417	0.0516
7937	@neopork85 @caspar_stanley @ercxspace @marcushousegame @felixschlang @c_bass3d @nickhenning3d @spacex tiles will be on hot side of flaps too. a very tough problem is sealing the moving flap to body joint without melting or shredding the seal.	-0.0999	-0.4939
7938	@flcnhv @neopork85 @caspar_stanley @ercxspace @marcushousegame @felixschlang @c_bass3d @nickhenning3d @spacex it might be used in some areas. itar laws prevent us from being too specific about solutions.	-0.0999	0.2023
7939	@erdayastronaut @pellebrannvall @flcnhv @neopork85 @caspar_stanley @ercxspace @marcushousegame @felixschlang @c_bass3d @nickhenning3d @spacex there are sensitive elements, but they're on the inside. also, a good telephoto lens will be able to capture what i've posted. and yeah, anyone who can reverse engineer what i've posted doesn't need to reverse engineer!	-0.0999	0.6249
7940	@toadmeister sweden was right <a href="https://t.co/bzc2lfdjzq">https://t.co/bzc2lfdjzq</a>	-0.0999	0
7941	@rationaletienne @toadmeister yes, failure to protect nursing homes was a major mistake (happened in most countries). herd immunity for vast majority of people & quarantine vulnerable was right though imo.	-0.0999	-0.3182
7942	@erdayastronaut i have that exact art on the wall of the place i stay in boca chica!	-0.0999	0
7943	@carrenimfa interesting	-0.0999	0.4019
7944	@enn_nafnlau when eberhard was fired from the tesla ceo role in mid 2007 for providing false information to me & the board, no one left with him. that says it all.	-0.0999	-0.5574
7945	@enn_nafnlau there are sketchy edits to tesla wiki that whitewash eberhard's problems/glorify his role. pretty odd. i was interim ceo/co-ceo from july 2007. michael marks was co-ceo for ~q4 2007 & ze'ev drori for q1 to ~q3 2008. after q3 2008 financing round bust, no choice but to be ceo.	-0.0999	-0.2023

7946	@enn_nafnlaus exactly. he plays the “poor inventor” card, but was rich all along & invents nothing (as far as i know). i went down to zero cash or sellable assets in 2008/2009, had no house & had to borrow money from friends to pay rent.	-0.0999	0.6369
7947	@flcnhv definitely	-0.0999	0.4019
7948	@electricfuture5 we face a tough dichotomy of applying resources to the old architecture or applying them to the new. it’s not a question of money. if there was a “great engineer” factory, we would place a large order! unfortunately, great engineers are very rare. this is solved in the fsd build.	-0.0999	0.8126
7949	@mariabartromo @potus @realdonaldtrump @jeffbezos @morningsmaria @foxbusiness i have seen no evidence of an advanced civilization visiting earth. fuzzy pics that are worse than a 7/11 security cam frame grab don’t count!	-0.0999	0.0772
7950	@enn_nafnlaus @electricfuture5 🎉	-0.0999	0
7951	@tesmanian_com even if half that amount, it’s still a big deal!	-0.0999	0
7952	@teslarati i don’t think this is accurate	-0.0999	0
7953	@slashdot uh ok, here we go ...	-0.0999	0.296
7954	@ppathole @slashdot wow	-0.0999	0.5859
7955	@ohiotelsa @jendunlap_ @tesla @caranddriver @teslaownerssv @teslarati @electrekco glad jen is safe!	-0.0999	0.7096
7956	@ppathole @slashdot !	-0.0999	0
7957	@jwangark accurate analysis. quite a few ego/intelligence>>1 people in your comment thread haha. neither mobileye nor nvidia, which are certainly good companies, could meet any of our capability, schedule, cost or power requirements.	-0.0999	0.7722
7958	@jwangark tesla fsd computer’s dual socs function like twin engines on planes — they each run different neural nets, so we do get full use of 144 tops, but there are enough nets running on each to allow the car to drive to safety if one soc (or engine in this analogy) fails.	-0.0999	0.7717
7959	@shortword @jwangark the soc’s sync with each other 20 to 30 times/sec, exchanging output of nns that should be in harmony, like a symphony, so it’s fairly obvious when one is discordant	-0.0999	0.3612
7960	@cleantechnica limited fsd beta releasing on tuesday next week, as promised. this will, at first, be limited to a small number of people who are expert & careful drivers.	-0.0999	0.1531
7961	@teslaclubin @cleantechnica will release order configurator probably in jan	-0.0999	0
7962	@teslarati sheer magnitude of the entire production system is hard to appreciate. almost every element of production is >75% automated. only wire harnesses & general assembly, which are <10% of production costs, are primarily manual.	-0.0999	0.5267
7963	@28delayslater this graph appears to be upside down	-0.0526	0
7964	@rationaletienne @28delayslater thank you, much more accurate haha	-0.0526	0.6705
7965	@teslarati with fsd, we got stuck in a lot of local maximums, which wasn’t clear until we hit the ceiling. this time, it’s right.	-0.0526	0.1531
7966	@flcnhv good grief! spacex is getting zero money for this. starship is designed to carry people & cargo around earth (also to moon & mars). vast majority of use will be civilian. it’s just like an airline in space. all airlines sometimes carry military cargo, but ~99% is civilian.	-0.0526	0.296
7967	@bad_at_life @wholemarsblog diess is doing his best to move in the right direction, but he’s in a tough position with so many constituencies to please. no way to make everyone happy.	-0.0526	0.8658
7968	@wr4nygov at least success is in the set of all possible outcomes this time!	-0.0526	-0.4585
7969	@chipro yeah	-0.0526	0.296
7970	@chotihaque @billgates @dougstanhope @bobdylan @charltonbrooker @ericidle @jimcarrey @johnkleese @sapinker knee deep	-0.0526	0
7971	�� the illuminaughty ຂ	-0.0526	0
7972	@teslaownerssv lotr	-0.0526	0
7973	@teslaownerssv hg2g	-0.0526	0
7974	@teslaownerssv i have goosebumps 2 merch. not sure how tbh.	-0.0526	0.3182
7975	@twomad um ... yes	-0.0526	0.4019
7976	@playoverwatch @twomad please buff torb’s turret!	-0.0526	0.3182
7977	@playoverwatch @twomad or maybe 2 weak turrets to allow more strategic degrees of freedom	-0.0526	0.4939
7978	“what is love? baby don’t hurt me.”— winston churchill	0.0746	0.2023
7979	@lexfridman nice	0.0746	0.4215
7980	@antonkanerva yes. everything is slow to a phased array antenna.	0.0746	0.4019
7981	@playoverwatch sweet ...	0.0746	0.4588
7982	@kristennetten @boringcompany @tesla we simplified this a lot. it’s basically just teslas in tunnels at this point, which is way more profound than it sounds.	0.0746	0
7983	@wholemarsblog @kristennetten @boringcompany @tesla maybe a month or so. some finishing touches need to be done on the stations.	0.0746	0
7984	@astrojordy @kristennetten @boringcompany @tesla for sure	0.0746	0.3182

7985	@flcnhv @wholemarsblog @kristennetten @boringcompany @tesla it's still there, but focus is vegas & prufrock, our new tunneling machine	0.0746	0
7986	will be less roomy with 3 vacuum rocket engines added <a href="https://t.co/pktdfdizyc">https://t.co/pktdfdizyc</a>	0.0746	0
7987	9 meter or roughly 30 ft diameter	0.0746	0
7988	@teslarati making progress	0.0746	0.4215
7989	@gem8mingen @tesla congratulations!	0.0746	0.5994
7990	@neopork85 @spacex @nasaspaceflight @austinbarnard45 @whoisheartbreak @erdayastronaut @felixschlang @marcushousegame @spacetoday1 more great renderings! significant improvements coming to the welds.	0.0746	0.802
7991	the gauntlet has been thrown down!  the prophecy will be fulfilled.  model s price changes to \$69,420 tonight!	0.0746	0
7992	@teslaownerssv starting production on 7 seater next month, initial deliveries early december	0.0746	0
7993	@kimpaquette yes	0.0746	0.4019
7994	@univercurious table in tension	0.0746	-0.3182
7995	@whatsupfranks @kimpaquette also, system should autodelete old data automatically by default	-0.1269	0
7996	@xbox 😊	-0.1269	0
7997	@ppathole after	-0.1269	0
7998	@kristennetten @teslaownerssv you never know	-0.1269	0
7999	@flcnhv that free fusion reactor in the sky conveniently converts ~4 million tons of mass into energy every second. we just need to catch an extremely tiny amount of it to power all of civilization.	-0.3322	0.6597
8000	@cleantechnica very creative	-0.3322	0.4404
8001	@bamtheteslam1 @cleantechnica doesn't seem to be any life in this solar system. maybe under the ice of europa or extremophile bacteria below the surface of mars. worth reading: <a href="https://t.co/ym0d53hgys">https://t.co/ym0d53hgys</a>	-0.3322	0.2263
8002	@tesmanian_com current production is slightly better	-0.3322	0.3832
8003	@techamazing looks like snoopy	-0.3322	0.3612
8004	møtør trèndé <a href="https://t.co/v0yo4jkbs2">https://t.co/v0yo4jkbs2</a>	-0.3322	0
8005	@cinotpypc that's my kid haha	-0.3322	0.4588
8006	@samtalkstesla wow, that would be quite a trip!	-0.3464	0.5859
8007	@samtalkstesla london to beijing would be cool	-0.3464	0.3182
8008	@flyerandyp @mojosusan maybe i can be helpful. had mobi-c disc put in at c5-c6, however 1st surgery failed to remove bone spur sticking into my spinal cord. 2nd surgery took care of it. recommend using yelp or other online reviews of doctors. effectiveness varies widely.	-0.3464	0.6369
8009	@flyerandyp @mojosusan actually, it's my neck ... <a href="https://t.co/2vcoaxsrv3">https://t.co/2vcoaxsrv3</a>	-0.3464	0
8010	@ppathole @flyerandyp @mojosusan mobi-c has too much mobility, fusion has too little. we need mobi-d haha.	-0.3464	0.4091
8011	@juanjacobs @jwangark firmware is probably a slightly more accurate description, but yes	-0.3464	0.3477
8012	@joshtownsend_96 yes	-0.3464	0.4019
8013	@toadmeister sweden at zero deaths oct 15 <a href="https://t.co/gy9a20ummx">https://t.co/gy9a20ummx</a>	-0.3464	0
8014	data from 3 engine starship static fire this morning looks good. proceeding with nosecone mate.	-0.1057	0.128
8015	fsd beta rollout happening tonight. will be extremely slow & cautious, as it should.	-0.1057	-0.1689
8016	@erdayastronaut raptor has now run for 90 secs at 300 bar chamber pressure before encountering issues. 210 mt-f sea level operating thrust seems achievable with no major changes.  r-boost variant is aiming for 300 ton thrust at 300 bar with same nozzle exit area. will need bigger pumps.	-0.1057	0.4215
8017	@erdayastronaut those engines could go 300 bar, but would be dicey. pushing it for near-term tests doesn't achieve anything, but i'm confident raptor will do 300 bar for orbital flights.	-0.1057	0.4939
8018	@erdayastronaut got a little melty tbh :)	-0.1057	0
8019	@erdayastronaut after it gets to orbit a few times	-0.1057	0
8020	@ieeeorg ...	-0.1057	0
8021	starship nosecone, high bay & tiki bar <a href="https://t.co/9qxyxmij">https://t.co/9qxyxmij</a>	-0.1057	0
8022	@rubix161 i mean, ya gotta have a tiki bar ...	-0.1057	0
8023	@erdayastronaut cold gas for now, hot later	-0.3602	0
8024	@wholemarsblog not intentional! we just wanted to show that you could theoretically convert the entire us vehicle fleet to electric using only the lithium in nevada, a single state. tesla will do lithium mining only as needed. we also found a way to extract lithium using nacl (table salt).	-0.3602	0
8025	@teslarati dependent on proving high safety	-0.3602	0.4215
8026	@teslaownerssv @tesla Raj haha	-0.3602	0.4588
8027	@ppathole @teslaownerssv @tesla Raj yes	-0.3602	0.4019

8028	@teslagong @ppathole @teslaownerssv @tesla_raj as soon as we complete testing & regulators approve. so many different traffic signs, rules & languages around world, not to mention driving on left side of road! also, a long & challenging road lies ahead getting to high 9's reliability (way beyond human).	-0.3602	-0.296
8029	now that tesla fsd beta is out in limited release, fsd price (new or upgrade) will go up by ~\$2k on monday	-0.3602	-0.2263
8030	@flcnhv sure	-0.3602	0.3182
8031	@spacex just a small-seeming issue with loss of upper stage camera. probably nothing serious, but standing down to re-examine whole vehicle just in case.	-0.3602	-0.2681
8032	@stephenking agreed. are these performance tires?	-0.3602	0.2732
8033	@dmc_ryan well, we have said many times that the price will rise as the product functionality improves. how much time do you think we should give?	-0.3602	0.5994
8034	@austinbarnard45 there will be a 360 deg glass star bar (name tbd) at top of high bay	-0.1248	0.2023
8035	price change is pushed to thursday next week. applies only to us for now. one week clock will start in other countries as beta is released. fsd monthly rental will also be available sometime next year.	-0.1248	0
8036	@spacepadreisle starship is coming together!	-0.1248	0
8037	@bart_sanders working on it. also needs to be able fart at other cars on command.	-0.1248	0
8038	@wholemarsblog yup. with beta updates, there'll be a lot of 2 steps fwd, 1 step back situations, but pace of improvement will be extremely fast.	-0.1248	0.4588
8039	@austinbarnard45 @superclusterhq great pics! that we now have the beginnings of a starship production system is most meaningful.	-0.1248	0.7506
8040	@tobyliiiiiii @austinbarnard45 @superclusterhq good point. probably next week in form of a written piece on spacex website.	-0.1248	0.4404
8041	@erdayastronaut @tobyliiiiiii @austinbarnard45 @superclusterhq i'm in boca every week, so maybe we could talk then. given that starship is not exactly subtle, this is more of a design clarification to match what people can already see.	-0.1248	0
8042	@erdayastronaut @tobyliiiiiii @austinbarnard45 @superclusterhq sure	0.0424	0.3182
8043	@teslaownerssv visualization will tone down significantly for production. these are intentionally strident colors.	0.0424	0
8044	@eliburton_ @teslaownerssv sure, it could be an option in settings	0.0424	0.3182
8045	@teslatino mine is a few days ahead	0.0424	0
8046	congratulations spacex team! <a href="https://t.co/no1z98a94f">https://t.co/no1z98a94f</a>	0.0424	0.5994
8047	@worldandscience critical to humanity's future	0.0424	-0.3182
8048	@engineers_feed sigh ... there should be a new supersonic jet, this time electric	0.0424	0.0258
8049	@arctechinc @tesla yes, very helpful. thanks all beta testers!	0.0424	0.8126
8050	@westcoastbill testing for covid is a license to print money	0.0424	0
8051	@hyperchangetv well, tbh, our capex efficiency in 2017 was trash 😞	-0.0895	0.5574
8052	@hyperchangetv tesla team has done great work!	-0.0895	0.6249
8053	@wholemarsblog 🎉 *	-0.0895	0
8054	@ajtourville bettern nothin or ur 💸 back!	-0.2805	0
8055	@flcnhv all that was left were broken bots & equipment hardly worth the scrap metal value. but we scrounged up spare parts, fixed the trusty old bots & brought the factory back to life.	-0.2805	-0.0917
8056	@jgrano305 @richnv to the best of my knowledge, literally zero equipment was usable without major repairs or upgrades.  most of the factory had no equipment at all! even light bulbs were missing in some areas.  gm & toyota took everything that worked & moved it to their other factories.	-0.2805	0.4588
8057	@rakyll <a href="https://t.co/p1agokwqpv">https://t.co/p1agokwqpv</a>	-0.2805	0
8058	@pcgamer fear 2 is best imo. also dead space 2. they will haunt your dreams.	-0.2805	-0.1531
8059	@1matthewgarcia @pcgamer ok :)	-0.2805	0.296
8060	@thewpmontgomery @pcgamer one of the best games ever	-0.2805	0.6369
8061	jack in the box should do double duty as a sperm donor clinic — name is 💀	-0.2805	0
8062	@ppathole @pcgamer max Payne was great on many levels. silent hill good too.	-0.2805	0.7906
8063	wow, this mayo sure is salty!	-0.2805	0.7269
8064	come here ... no, come, here 🙏	-0.2805	0
8065	@coffeemaestro_ 🎶	-0.2805	0
8066	@machinepix little crane: "am i just a toy to you!?"	-0.2805	0
8067	tesla should make 💋 catgirl robots?	-0.0898	0
8068	@samtalkstesla well, being a phased array antenna, it is actually rather flat!	-0.0898	0.2732
8069	@challengerst same bot, just change setting to "combat"	-0.0898	0
8070	@skorusark approximately, log(rate)	-0.0898	0
8071	might buy a jack in the box footstool	-0.0898	0

8072	truth be told, i've eaten at jitb many times over the years, even the teriyaki bowl	-0.0898	0.3182
8073	@homantse28 for a long time	-0.0898	0
8074	@universal_sci urf is so smōl	-0.0898	0
8075	@waitbutwhy 😊	-0.0898	0
8076	@teslarati truth is stranger than fiction	-0.0898	0.3182
8077	@endelsound @grimezz future ai will appreciate this	-0.4291	0.4019
8078	@spacepadreisle great shot!	-0.4291	0.6249
8079	@bluemondance74 @spacepadreisle some challenges with high winds. looks like sunday for static fire.	-0.4291	0.1027
8080	@ajtourville @endelsound @grimezz <a href="https://t.co/2hx6tla8f7">https://t.co/2hx6tla8f7</a>	-0.4291	0
8081	@wholemarsblog accurate	-0.4291	0
8082	@malekkhelifi24 @9inety6prince @engineers_feed now we're talking. also, stephenson 2-18 is in the constellation scrotum haha.	0.0110	0.4588
8083	@tocnewyorkstate true. also, fewer heart attacks, as way easier to pump blood in 37% gravity.	0.0110	0.4019
8084	@toadmeister and ... sweden is still right with zero deaths oct 29 <a href="https://t.co/b0lygotobi">https://t.co/b0lygotobi</a>	0.0110	0
8085	@teslaownerssv @toadmeister i've spent more than half my life in california & love the state. but, frankly, i think ca has the winning-for-too-long problem.  like a sports team with many championships, it is increasingly difficult to avoid complacency & a sense of entitlement.	0.0110	0.5719
8086	@rationaletienne @teslaownerssv @toadmeister yes	0.0110	0.4019
8087	@teslaownerssv this build should be noticeably better with interventions	0.0110	0.4404
8088	@auchenberg latency will improve significantly soon. bandwidth too.	0.0110	0.4404
8089	@teslatino thanks to a great autopilot/ai team working super hard!  doing "neural nets" without testing them against reality has led some groups to overestimate what they're doing. reality is the hardest sim.	0.0110	0.8885
8090	@teslaownerssv @teslatino we measure this primarily in intervention probability. this update addressed several issues, resulting in perhaps ~1/3 fewer interventions. many of the improvements consist of fixing silly bugs vs grand eureka moments. true for most beta releases in my experience.	0.0110	0.6369
8091	@kristennetten @teslaownerssv @teslatino faults will never be zero, but at some point the probability of a fault will be far lower than that of the average human	0.0110	-0.5994
8092	@teslaownerssv @kristennetten @teslatino every 5 to 10 days	0.0110	0
8093	@nasaspaceflight @erdayastronaut stable, controlled descent with body flaps would be great. transferring propellant feed from main to header tanks & relight would be a major win.	0.0110	0.8779
8094	@nasaspaceflight @erdayastronaut but, a rud right off launch pad is also possible. fortunately, sn9 is almost ready.	0.0110	0.2975
8095	@flcnhvvy @nasaspaceflight @erdayastronaut minor	0.0110	0
8096	@tgmettsfan98 @klotzadam @nasaspaceflight @erdayastronaut yeah. although, if it fails right at the end, some landing pad repair will be needed to fill in the crater.	0.0110	-0.1531
8097	@rgvaerialphotos lord of the ...	0.0110	0
8098	@flcnhvvy @rgvaerialphotos <a href="https://t.co/hez9otgjjh">https://t.co/hez9otgjjh</a>	0.0110	0
8099	@erdayastronaut @klotzadam @nasaspaceflight we've tested a sub-scale version in a wind tunnel with active aero closing the loop for stability, so it will probably work at scale, but reality tends to bite you on the ass	0.0110	-0.2023
8100	@fnarolles @tgmettsfan98 this is what matters most	0.0110	0.0258
8101	@austinbarnard45 sure, although it might be quite a short livestream! lot can go wrong, but we'll provide video, warts & all. you will see every frame that we do.	0.0110	-0.2023
8102	penguin random house 🤪 should change the name to random penguin 💩	0.0110	0
8103	@kyzcralotsxam yes	0.0110	0.4019
8104	@austinteslaclub @joetegtmeyer @peterdog15 @txterafactory @terafactorytx @lqdchkn @jd_average @eliburton_tesla texas team is making great progress! giga texas factory will be an asskicker.	0.0110	0.7845
8105	@steezyysosa @austinteslaclub @joetegtmeyer @peterdog15 @txterafactory @terafactorytx @lqdchkn @jd_average @eliburton_well, it's basically a tank from the future that's road-legal, so yeah	0.0110	0.5859
8106	@wholemarsblog @steezyysosa @austinteslaclub @joetegtmeyer @peterdog15 @txterafactory @terafactorytx @lqdchkn @jd_average @eliburton_sure, maybe in a month or so	0.0110	0.3182
8107	@nigel_lockyer i could not be more excited about the new supercollider! that said, while it is considerably larger, i don't think it necessarily requires all that much incremental engineering.	0.0110	0.34
8108	very close to actual expected flight! <a href="https://t.co/ruediphtil">https://t.co/ruediphtil</a>	0.0110	0
8109	@engineers_feed haha	0.0110	0.4588
8110	@louiswferreira new design is better with many minor tweaks. even the small details matter.	0.0110	0.4588

8111	several thousand more starlink beta participation invitations going out this week	0.0110	0
8112	@flcnhvy as soon as we get country approval. this is required for each country individually, as no eu-wide approval system exists. probably start receiving final (there are many steps) approvals around feb/march.	0.0110	0.7351
8113	@enn_nafnlaus @flcnhvy didn't realize that was possible. no problem if there's a way get current design cybertruck approved in europe!	0.0110	0.0258
8114	@kjell_arne @flcnhvy canada and norway are next after we get us out of early beta!	0.0110	0
8115	@thesheetztweetz right now, it takes about 5 mins to set up, but, with future improvements, probably less than 3 mins. no technical knowledge needed. just point at open sky & plug in!	0.1374	0.3182
8116	@itshamzahkhan as soon as we get regulatory approval. hopefully, around middle of next year.	0.1374	0.7003
8117	@ppathole lowering starlink terminal cost, which may sound rather pedestrian, is actually our most difficult technical challenge	0.1374	-0.4939
8118	@josh_bickett @ppathole yes	0.1374	0.4019
8119	@jonerlichman that funding round completed 6pm on christmas eve in 2008. last hour of last day possible, as investors were leaving town that night & we were 3 days away from bankruptcy. i put in all money i had, didn't own a house & had to borrow money from friends to pay rent. difficult time.	0.1374	0.0516
8120	@vincent13031925 @jonerlichman i put in my last money, even though i thought we would still fail. but, it was either that or certain death for tesla. extremely difficult to raise money for an electric car startup (considered super quirky back then), while stalwarts like gm & chrysler were going bankrupt.	0.1374	-0.7425
8121	@futurejurvetson @ppathole super appreciate your support, steve! that convertible loan gave us 6 months of runway. fortunately, daimler invested \$50m in may 2009, 5 months later.	0.1374	0.8519
8122	@icannot_enough @zainraz4 @vincent13031925 @jonerlichman yes, although i didn't expect the stock to rise so much so soon. the reason for the stock options is that they're needed to help pay for humanity to get to mars in 10 to 20 years.	0.1374	0.6124
8123	@jtrevorchapman yeah, that will be relatively easy, as so few users out in the ocean	0.1374	0.6249
8124	@techamazing einstein was great, but did not succeed at engineering (and he tried)	-0.2614	0.8074
8125	@chad_hurley @realdonaldtrump @kanyewest uh ... chad wtf	0.0553	0
8126	@chad_hurley @realdonaldtrump @kanyewest stop being a chad	0.0553	-0.296
8127	recruiting ace engineers for giga berlin! will interview in person tomorrow on site. send resume to 25guns@tesla.com.	0.0553	0
8128	@linustech @spacexstarlink @spacex awaiting approval from canadian authorities	-0.2034	0.4767
8129	⌚	-0.2034	0
8130	420 is ten times better than 42	-0.2034	0.4404
8131	@nereide maxwell was amazing. should have more recognition. tesla motors, inc., was almost called faraday, as it took until late 2004/2005 to buy the trademark from a guy who had had it since 1995.	-0.2034	0.5859
8132	@nereide faraday invented the electric motor, tesla the (commutator-free, three-phase) ac induction motor, in other words, a useful electric motor	-0.2034	0.7351
8133	@ppathole another fine day in the simulation ...	-0.2034	0.2023
8134	a new banner is needed neither hard left nor right	-0.2034	0.0762
8135	when sending your resume, please describe a few of the hardest problems you solved & exactly how you solved them	-0.2034	0.4215
8136	@ppathole just looking for problem-solvers who get things done with a high sense of urgency. don't care if or where they went to school.	-0.2034	0.128
8137	@linustech @spacexstarlink @spacex CA 😊	-0.3952	0
8138	the phantom of the opera is here ... inside your mind	-0.3952	0
8139	@cleantchnica good explanation. 4d is essential for dynamically occluded objects, especially in large intersections with dense vehicle & pedestrian traffic. frame rate & latency from frame to wheel vector change also important.	-0.3952	0.5719
8140	@cleantchnica ♠ ♠ tesla autopilot/ai team ♠ ♠	-0.3952	0
8141	@spacenews_inc china understands the profound importance of reusability. the era of expendable rockets will soon be over.	-0.3952	0
8142	@renatakonkoly @spacenews_inc it would appear that their calculations were incorrect	-0.3952	0
8143	@ppathole @cleantchnica version 1 is about a year away	-0.3952	0
8144	@flcnhvy @ppathole @cleantchnica we rewrote all labeling software for 4d. very different from labeling single photos. dojo won't contribute for about a year. it's mostly a generalized nn training computer, but benchmark we're tracking is frames/second. must beat next gen gpu/tpu clusters or it's pointless.	-0.3952	0

8145	@amyceskrige neuralink won't overclock the brain, it will transfer processing to the supercomputer extension of your brain. this is basically what you do when you use a smartphone or computer, but a neuralink will have orders of magnitude faster input & output, especially latter.	-0.3952	0
8146	@erdayastronaut @renatakonkoly @spacenews_inc am hoping to change booster design to land back on launch mount with no legs. will require extreme precision.	-0.3952	0.4215
8147	@mkbhd this is accidental. will be back shortly.	-0.3952	-0.0772
8148	@ed_spartan_117 @tesla @nykchannel wait until you see what cybertruck will do	-0.3952	0
8149	@mkbhd actually, it's still there <a href="https://t.co/2zlk8fc2d">https://t.co/2zlk8fc2d</a>	-0.3952	0
8150	@model3owners @mkbhd sure	-0.3952	0.3182
8151	@mkbhd exactly	-0.3952	0
8152	@mkbhd @vyyper will be worth it	-0.3952	0.2263
8153	@bbctech for sure	-0.3952	0.3182
8154	yes, you can have my damn cookie! should be a browser setting	-0.3952	0
8155	<a href="https://t.co/d0i2w8wnkg">https://t.co/d0i2w8wnkg</a>	-0.3952	0
8156	@pcgamer i just hope this game doesn't twist itself to tedium out of fear of being canceled	-0.2668	-0.0772
8157	@teslatino checking	-0.2668	0
8158	@samtalkstesla @tesla tesla makes the rna bioreactor that can make vaccines / cures. curevac has version 2 in use. version 3 is under development.	-0.2668	0
8159	@samtalkstesla @tesla i do expect this to become an important product for the world, but probably not financially material for tesla	-0.2668	0.2023
8160	@teslany @tesla happy to see this :)	-0.2668	0.5719
8161	@djsnm @davidhuber15 @nickhenning3d @spacex @ercxspace @neopork85 @c_bass3d @caspar_stanley @spacexvision @felixschlang probably	-0.2668	0
8162	@hiromichimizuno yes	-0.0932	0.4019
8163	@cardoso luck is the best superpower	-0.1602	0.802
8164	4 astronauts fly to @space_station on sat night from cape. first operational flight of crew dragon. <a href="https://t.co/uzcgikcikb">https://t.co/uzcgikcikb</a>	-0.1602	0
8165	@drphiltill 🎉🎉🎉	-0.1447	0
8166	@austinbarnard45 we lost vehicle pneumatics. reason unknown at present. liquid oxygen header tank pressure is rising. hopefully triggers burst disk to relieve pressure, otherwise it's going to pop the cork.	-0.1447	-0.4588
8167	@tobyliliiiiiii @spacepadreisle @austinbarnard45 maybe melted an engine preburner or fuel hot gas manifold. whatever it is caused pneumatics loss. we need to design out this problem.	-0.1447	-0.6124
8168	@austinbarnard45 burst disk worked, so vehicle appears to be ok. we'll have to swap out at least one of the engines.	-0.1447	0.296
8169	something extremely bogus is going on. was tested for covid four times today. two tests came back negative, two came back positive. same machine, same test, same nurse. rapid antigen test from bd.	-0.1447	-0.0258
8170	@blkmdl3 if it's happening to me, it's happening to others. i'm getting pcr tests from separate labs. results will take about 24 hours.	-0.1447	0
8171	@janeidyeve symptoms of a typical cold. nothing unusual so far.	-0.1447	0
8172	@ajtourville exactly	-0.1447	0
8173	@joeingeneral @andrewbogut yup	-0.1447	0
8174	the carousel turns ever faster	-0.1447	0
8175	@cleantechnica technically, i tested positive, then negative twice, then positive again, so "elon musk tests negative for covid" is an equally correct title. the "rapid antigen test" from bd seems to be about as useful as a flipping a coin.	-0.1447	0.4019
8176	@justpaulinelol @cleantechnica mild sniffles & cough & slight fever past few days. right now, no symptoms, although i did take nyquil.	-0.1447	0
8177	@ppathole @cleantechnica a good pcr test should identify if i have the cov2 spike proteins, although i have heard some low accuracy numbers for those too. hard to get a straight answer.  false positives will roughly scale with # of tests & daily test rate has gone ballistic: <a href="https://t.co/pv6s71jzqo">https://t.co/pv6s71jzqo</a>	-0.1447	0.6908
8178	@john_beans @dirtytesla interesting	-0.1447	0.4019
8179	@clarecraigpath interesting	-0.1447	0.4019
8180	would be great to hear from people who know a lot about the pcr testing industry. what's the approximate false positive rate, all things considered, for cov2 pcr tests?	-0.1447	0.8271
8181	@dana_e_morgan sure is	-0.1447	0.3182
8182	@ryaneshea from <a href="https://t.co/42z7vrpb9c">https://t.co/42z7vrpb9c</a> <a href="https://t.co/xtsukcc3tl">https://t.co/xtsukcc3tl</a>	-0.1447	0
8183	@ryaneshea possible explanation for the dramatic decline in cold & flu prevalence vs prior years. if someone comes in with cold/flu symptoms & falsely tests positive for cov2, they will assume they have it, when in fact they simply have some other form of seasonal cold/flu.	-0.1447	-0.4939
8184	@ppathole strange	-0.1447	-0.2023

8185	@rationaletienne @ryaneshea just spoke directly to a testing lab. their main pcr search is for the n1 gene, unique to cov2. n3 is also sought, but is generic to other sars viruses. high pcr cycle count *does* give false positives, but they believe accuracy is good below 30 cycles & 40 cycles is their max.	-0.1191	0.8481
8186	@rationaletienne @ryaneshea note, this is not the spike protein. they don't consider that reliable.	-0.1191	0
8187	@ppathole fwiw, lab i just spoke to thinks below 30 is accurate, 30 to 40 gets dicey & above 40 is bs. will talk to several more labs. there must be a graph of pcr amplification cycle vs false positive rate somewhere.	-0.1191	0.5574
8188	soon <a href="https://t.co/mwopr7w8kk">https://t.co/mwopr7w8kk</a>	-0.1191	0
8189	case closed <a href="https://t.co/puyijcadd6">https://t.co/puyijcadd6</a>	-0.1191	0
8190	@mrsammy_h @max_roi @rossy65 this a great reference! worth a read.	-0.1191	0.7184
8191	@whatsupfranks the number of pcr amplification cycles required to detect the virus is a rough indicator of your viral load. from what i can gather, you're probably not infectious above 30 & you probably are below 25. sound about right?	-0.1191	0.0772
8192	@mrsammy_h @pelagicbird @max_roi @rossy65 heneghan makes a lot of sense. hilarious that he has to clarify that he runs the center for *evidence-based* medicine at oxford 🤦‍♂️🤦‍♂️🤦‍♂️. general public doesn't realize quite how much of medicine is subjective or outright witchcraft.	-0.1191	0
8193	@stephenking there are degrees of pos	-0.1191	0
8194	@bluemondance74 @stephenking cold symptoms are gone for now 😊👋👋	-0.1191	0
8195	@whatsupfranks @bluemondance74 @stephenking this seems accurate	-0.1191	0
8196	@slashdot feels that way	-0.1191	0
8197	@icannot_enough @johnnacrider1 what's honey?	-0.1191	0
8198	@robintosh_nunez @ppathole interesting. my thursday night saliva sample came back today with n1 gene (unique to cov2) showing at cycle 26 & n3 (generic sars) at 24. i get results of today's test tomorrow. almost no symptoms today, so hopefully better results.	-0.1191	0.8731
8199	@realmattastic big expansion of beta program in 6 to 8 weeks!	-0.1191	0
8200	shakes fist at entropy	-0.1191	0
8201	laws of thermodynamics: 1. you can't win 2. you can't break even 3. you can't stop playing	-0.1191	0.5267
8202	unless you're on dmt	-0.1191	0
8203	@lexfridman ahem	-0.1191	0
8204	@erujabidi am getting wildly different results from different labs, but most likely i have a moderate case of covid. my symptoms are that of a minor cold, which is no surprise, since a coronavirus is a type of cold.	-0.1191	0.2732
8205	@teslaownerssv cool, but please be super cautious. expect two steps forward, one back. lot of new code was merged.	-0.1191	0.7964
8206	@michaelmina_lab in your opinion, at what ct number for the cov2 n1 gene should a pcr test probably be regarded as positive? if i'm asking the wrong question, what is a better question?	-0.1191	0.765
8207	@astrojordy @erujabidi a little up & down. feels just like a regular cold, but more body achy & cloudy head than coughing/sneezing. dayquil rocks.	-0.1191	0.3041
8208	@stonkmanup @michaelmina_lab they should be imo. if you get a blood pressure test, they tell you the number, not just if it's high/not-high. there is not a clear consensus on what ct value of what cov2 gene constitutes "positive".	-0.1191	0.7717
8209	worth reading this thread if you're curious about rona testing <a href="https://t.co/fa6kd61eba">https://t.co/fa6kd61eba</a>	-0.1191	0.4939
8210	@michaelmina_lab it would be great if labs could give people this level of granular feedback in their results	-0.1191	0.6249
8211	@mario_livio hell of a wig collection too	-0.1191	-0.6808
8212	@mario_livio no kids though	-0.1191	0
8213	astronaut launch today! <a href="https://t.co/3fazzgss8c">https://t.co/3fazzgss8c</a>	-0.1191	0
8214	@ppathole @mario_livio both obv insanely great, too bad they had this pointless argument	-0.1191	-0.2263
8215	@ppathole @astrojordy @erujabidi doing tests from several different labs, same time of day, administered by rn & am requesting n1 gene pcr cycle threshold. there is no official standard for pcr testing. not sure people realize this.	-0.1191	0.6369
8216	@klotzadam @ppathole @astrojordy @erujabidi yeah, i feel pretty normal. no symptoms right now. last week, i had symptoms of a minor cold. i've had some brutal flu/cold experiences, but this was mild & hopefully over.	-0.1191	0.1027
8217	thrusters are integrated with spacecraft, enabling abort capability all the way to abort for increased safety <a href="https://t.co/krohkor6ae">https://t.co/krohkor6ae</a>	-0.1191	0.5994
8218	dragon can also hover & land propulsively, but we use the parachutes for maximum safety <a href="https://t.co/mr7vfqwwf">https://t.co/mr7vfqwwf</a>	-0.1191	0.4215
8219	the same propellant is used either for abort or for orbital maneuvering, as one use obviates the other	-0.1191	0

8220	@flcnhv yeah, with cooling channels integrated into the chamber walls	-0.1191	0.296
8221	launch in 5 minutes	-0.1191	0
8222	♥	-0.1191	0
8223	@samtalkstesla i'm ok, thanks for asking. no symptoms for past few days, apart from fatigue. unless something changes, would have to say that it simply felt like a mild cold.	-0.1191	0.765
8224	@michaelmina_lab great thread	-0.1191	0.6249
8225	@gaertner_anne @neuro_skeptic @dresdentea @judith_herbiers haha	-0.1191	0.4588
8226	@whatsupfranks @michaelmina_lab curevac, moderna & a few others. tesla makes the machine curevac uses to go from known gene sequence to trillions of lipid-coated mrna strands.	-0.1191	0
8227	@kristennetten 😊	-0.3870	0
8228	@Maisie_Williams 💰 toss a bitcoin to ur witcher 💰	-0.3870	0
8229	@ppathole @michaelmina_lab yes	-0.3870	0.4019
8230	@erdayastronaut @rweb11742 damn, that's not easy! i spent quite a bit of time looking at russian/ukrainian engines. they're good.	-0.3870	0.4767
8231	@trylolli @Maisie_Williams 🎁 🎁 <a href="https://t.co/uverahxuev">https://t.co/uverahxuev</a>	-0.3870	0
8232	@jack well said.	-0.3870	0.2732
8233	@johnnacrider1 @timmerenginerd @jack fate ❤️ irony	-0.3870	-0.0516
8234	@chrsg_nsF special permission received from stonecutters guild! <a href="https://t.co/sw5rbm1srB">https://t.co/sw5rbm1srB</a>	-0.3870	0.4019
8235	@greenisclutch @johnnacrider1 @timmerenginerd @jack they're on their way! hopefully, more teslaquila next month.	-0.3870	0.4019
8236	@billhuang688 @johnnacrider1 @timmerenginerd @jack maybe *i* just love irony haha	-0.3870	0.7906
8237	@djsnm @erdayastronaut @charlesnotrumps @rweb11742 absolutely. production/testing of rocket engines is over 90% of the problem. this is true in general. for cars, production is over 99% of the problem. that 1% inspiration is very important, but it's less than 1% of the pain.	-0.3870	-0.1045
8238	@pcgamer we should just count the atoms at this point	-0.3870	0
8239	@erdayastronaut @rweb11742 the most amazing thing about rocket engines is that they *sometimes* don't blow up! the amount of power going through them boggles the mind.	-0.3870	0.5859
8240	@icannot_enough @erdayastronaut @rweb11742 pretty close. definitely feel 💯 if i take dayquil. frankly, this was one of the mildest cold/flu experiences i've ever had.	-0.3870	0.5106
8241	@josh_bickett @icannot_enough @erdayastronaut @rweb11742 yeah, pcr ct was unequivocal at <20. doesn't matter what method you use at that low a cycle threshold.	-0.3870	0.0516
8242	@parstalberg @josh_bickett @icannot_enough @erdayastronaut @rweb11742 yes, but from a visiting american. ah, the irony is just too much!!	-0.3870	0.3612
8243	@erdayastronaut @rweb11742 merlin is a strong local maximum design, but kerosene is suboptimal fuel, no matter what you do.  what matters is cost per ton to mars. ch4 is the only choice imo. important: o2/ch4 allows of ratio of ~3.5 vs ~2.5 for kerosene, so ~78% of propellant is oxygen.	-0.3870	0.6486
8244	@speculawyer @erdayastronaut @rweb11742 exactly	-0.3870	0
8245	@ppathole @erdayastronaut @rweb11742 yeah, looks like marginal cost of launch will be less than \$1m for more than 100 tons to orbit, so it's mostly about fixed costs divided by launches per year	-0.3870	0.5719
8246	@reflexfunds @nickidk4 @pcgamer dojo/doge	-0.3870	0
8247	@westcoastbill indeed	-0.3870	0
8248	nullius in verba @royalsociety	-0.3870	0
8249	@kristennetten @royalsociety more like he gave it his blessing. it was sort of a groundswell of those who believed in the scientific method in london.	-0.3870	0.3612
8250	@peterrhague it's designed to make life multiplanetary, otherwise extreme overkill for mere earth sector activity!  starship fleet mass to orbit per year will be more than 1000 times all current earth rockets combined, including falcon. necessary, for a city on mars.	0.4932	0
8251	deus ex machine learning <a href="https://t.co/5zsyalvczx">https://t.co/5zsyalvczx</a>	0.4932	0
8252	@nichegamer there is such a thing as too much sentience	0.4932	0
8253	cobra kai is a deep cut	0.4932	-0.2732
8254	@staceyr28715306 @Maisie_Williams 😊	0.4932	0
8255	tesla holiday software release is 🎉	0.4932	0.4019
8256	@nichegamer maybe a little mercy ... <a href="https://t.co/9ie40hoihr">https://t.co/9ie40hoihr</a>	0.4932	0
8257	@flcnhv and cases with high (non-infectious) ct should quarantine for a few days, while getting another test. second test determines whether they're just beginning to get ill or are on the long tail afterwards, where viral fragments exist, but person is not infectious.	0.4932	-0.4215
8258	@astronomiaum deveras!	0.4932	0
8259	@daywalker_xd @astronomiaum i was going to say "sim!", but that seemed too obvious haha	0.4932	0.4588

8260	@astrojordy @flcnhv yeah	0.4932	0.296
8261	@astronomiaum life in glass domes at first. eventually, terraformed to support life, like earth.	0.4932	0.6369
8262	@teslaownerssv @astrojordy @flcnhv no, just a mild cold. same with my bro. def had cov2 though. pc<20 means viral load of >10 million per ml.	0.4932	0.2732
8263	@garyblack00 wise words from bogle. the point of companies is products & services. they have no point in & themselves, nor do these indices. buy & hold stock in companies where you love the product roadmap, sell where you don't. <a href="https://t.co/yhvqjxtahn">https://t.co/yhvqjxtahn</a>	0.4932	0.8074
8264	@garyblack00 the only publicly traded stock i own is tesla	0.4932	0
8265	@xdreamcoding @garyblack00 <a href="https://t.co/frezwjcwna">https://t.co/frezwjcwna</a>	0.4932	0
8266	@ppathole @xdreamcoding @garyblack00 that is certainly the intention!	0.4932	0.34
8267	@astronomiaum terraforming will be too slow to be relevant in our lifetime. however, we can establish a human base there in our lifetime. at least a future spacefaring civilization – discovering our ruins – will be impressed humans got that far.	-0.0012	0.4767
8268	@shifthappens @tesla a lot of my brain space is spent dealing with both units!	-0.0012	0
8269	@astronomiaum let the martians decide their own future	-0.0012	0
8270	@ppathole @astrojordy @flcnhv fully	-0.0012	0
8271	@owensparks_ @flcnhv @tesla safety is our primary design goal	-0.0012	0.4215
8272	@justpaulinelol @teslaownerssv unfortunately, there are too many rules around liquor distribution, even in the us. however, we will be selling the lightning bottle & shot glasses worldwide.	-0.0012	-0.34
8273	@tweetmenima @teslaownerssv if next week's release looks good, we will widen beta	-0.0012	0.4404
8274	@suvitruk @archillect haha sexy cropping champion of all time	-0.0012	0.8834
8275	@adamkiotz @suvitruk @archillect sure	-0.0012	0.3182
8276	@forbes caution strongly advised with spacs	-0.0012	0.2732
8277	@flcnhv change out a few parts, otherwise fine	-0.2225	0.2023
8278	@id_aa_carmack yup	-0.2225	0
8279	@slashdot_@theonion	-0.2225	0
8280	@rocketlab congrats!	-0.2225	0.5267
8281	@levie wild times!	-0.2225	0
8282	@spacetouristuk @tashaark yeah. they stole apple's code too. <a href="https://t.co/gy4dt7pq9n">https://t.co/gy4dt7pq9n</a>	-0.2225	0.296
8283	@isaaclatterell @tashaark @karpathy andrej is awesome, but it should be said that we have a very talented autopilot/ai team at tesla. too much credit comes to me & andrej.	-0.2225	0.875
8284	@tashaark to be clear, this was just an xpeng problem. other companies in china have not done this.	-0.2225	-0.0258
8285	@hisdirtremoves @spacex i can't comment on turbopump internal details, but you're roughly in the ballpark. wow, rocket turbopumps, especially if oxygen-rich, are insanely hard! arguably, the hardest mechanical/fluids/combustion problem known to exist.	-0.2225	0.5542
8286	@peter_j_beck well done!	-0.2225	0.2732
8287	@philippecroizon @spacex one day we will fly you on starship	-0.2225	0
8288	@mirojurcevic @tashaark this is a misperception. spacex developed & continues to use lidar for dragon docking with @space_station.  just pointless imo for self-driving. if you're going to do active photon generation, use an occlusion penetrating wavelength, like precision radar at ~4mm.	-0.2225	0.6369
8289	@ppathole @mirojurcevic @tashaark @space_station exactly	-0.2225	0
8290	@enn_nafnlauz @mirojurcevic @tashaark @space_station reality looks like a strange ghost-world at radar wavelengths. almost everything except metal is translucent.	-0.2225	0.1779
8291	@evafoxu @ppathole @mirojurcevic @tashaark @space_station it will be better than human vision by quite a margin	-0.2225	0.5994
8292	@vicentes @evafoxu @ppathole @mirojurcevic @tashaark @space_station there will always be upgrades	-0.2225	0
8293	@worldandscience <a href="https://t.co/xajan4j9zr">https://t.co/xajan4j9zr</a>	0.1505	0
8294	@astro_fonseca @space_station @wonderofscience @virtualastro they're moving at ~25 times the speed of sound, but it feels like nothing	0.1505	0.3612
8295	@cleantechnica cool	0.1505	0.3182
8296	@nasaero @lockheedmartin now *this* is what you'd call pointy!	0.1505	0
8297	quite the day ahead <a href="https://t.co/apzngmo0k7">https://t.co/apzngmo0k7</a>	0.1505	0
8298	well, almost anything <a href="https://t.co/ffpvdsqruc">https://t.co/ffpvdsqruc</a>	0.1505	0.2732
8299	@philwhln @heydave7 because i am not an investor. tesla is definitely not the only good company, but investing is not what i do. but i always put my own money into companies i help create, otherwise it'd be wrong to ask others to do so.	0.1505	0.743
8300	@tobyliliiiiiii @spacex @nasa @nasa_lsp @nasajpl @esa where it should be!	0.1505	0

8301	@tobyliiiiiii @spacex @nasa @nasa_lsp @nasajpl @esa actually, off to the side (so it doesn't take out the launch mount in bad landing), but with the same arm used to pick up the ship	0.1505	-0.5423
8302	landing at vandenberg afb in california <a href="https://t.co/46j2gccjp0">https://t.co/46j2gccjp0</a>	0.1505	0
8303	@nasaspaceflight largest cast titanium part in the world. no heat shielding needed.	0.1505	0
8304	@flcnhv our data center was named skynet as a joke over 10 years ago. might have been tempting fate!	0.1505	0.296
8305	@icannot_enough @heydave7 yes 😊	0.1505	0.4019
8306	@rationaletienne @shycybertruck fate loves irony, but hates hypocrisy	0.1505	0.5423
8307	@rationaletienne @heydave7 @philwhln we have quiet a queue of products to build! better do new roadster at some point 😐.	0.1505	0.4404
8308	@futurejurvetson @flcnhv true	0.1505	0.4215
8309	@johnnacrider1 @teslaownerssv @28delayslater sure	0.1505	0.3182
8310	tomorrow will be the 7th flight of this rocket, landing on dronestop of course i still love you	0.1505	0.6369
8311	@liv_boeree yea	0.1505	0
8312	@vincent13031925 @tesla wow	0.0894	0.5859
8313	@xhnews exciting mission!	0.0894	0.4939
8314	@teslarati @teslарoadtrip fsd beta 5 coming out in a few days. improvement should be significant.	0.0894	0.5859
8315	@ppathole @teslarati @teslарoadtrip we're still far from simply video in, control out. the biggest game-changer, currently underway at tesla, is 360 degree, high fps video for labeling, training & inference.	0.0894	0
8316	@erdayastronaut @ppathole @teslarati @teslарoadtrip yes	0.0894	0.4019
8317	@marcushousegame rapid & complete rocket reuse, low cost propellant, orbital refilling & propellant production at destination are the four essential elements of making life multiplanetary	0.0894	-0.2732
8318	@starshipfairing @marcushousegame not bad! we will definitely need more engines if we make the cargo bay all propellant, but it's probably smarter than a whole new shorter external hull.	0.0894	0.296
8319	@rationaletienne @marcushousegame not yet	0.0894	0
8320	@erdayastronaut @marcushousegame maybe start on that a year from now. depends on how starship progress goes.	0.0894	0.4215
8321	good starship sn8 static fire! aiming for first 15km / ~50k ft altitude flight next week. goals are to test 3 engine ascent, body flaps, transition from main to header tanks & landing flip.	0.2000	0.128
8322	@thesheetztweetz lot of things need to go right, so maybe 1/3 chance	0.2000	0.25
8323	@flcnhv @thesheetztweetz many small improvements, but overall similar. wiring is more robust, engines are more mature, nosecone is sealed better, etc.	0.2000	0.8555
8324	@flcnhv @thesheetztweetz major upgrades are slated for sn15	0.2000	0
8325	@aholstein404 @flcnhv @thesheetztweetz this is a subject of much debate	0.2000	0
8326	@teslatino @flcnhv @thesheetztweetz yes, but only slightly filled	0.2000	0.4019
8327	this is a life leader launch, so more risk than normal <a href="https://t.co/etfp9ielrf">https://t.co/etfp9ielrf</a>	0.2000	-0.2732
8328	@worldandscience if you ever wondered where we came from	0.2000	0
8329	.@thebabylonbee is savage 🤣🤣	0.2000	0
8330	@id_aa_carmack int8 for almost all heavy lifting in inference works great	-0.5070	0.6249
8331	@id_aa_carmack fp16 with least important digits truncated (so it feels like fp32) is what we're betting on for training with dojo	-0.5070	0.2283
8332	@dburkland @id_aa_carmack probably going to a wider beta in ~2 weeks	-0.5070	0
8333	@poppa_bearq @id_aa_carmack yeah, truncate zeros & then round	-0.5070	0.296
8334	@ppathole @karpathy for a second there, i thought that was a pic of thanos haha	-0.5070	0.4588
8335	@eugenelee3 @ppathole @karpathy yes, very sad news. tony was great.	-0.5070	0.5719
8336	@nextspaceflight @nasaspaceflight just a static fire tomorrow. flight no earlier than wednesday.	-0.5070	-0.34
8337	@bcart03 @nextspaceflight @nasaspaceflight static fire is not risky from build site, but we need to clear the build site for early flights	-0.5070	-0.1531
8338	@marcushousegame @bcart03 @nextspaceflight @nasaspaceflight starship legs are one of the hardest problems. externally mounted legs require shielding, which adds mass. wider stance adds mass. shock absorbers add mass. that said, we need better legs.	-0.5070	-0.34
8339	@rgvaerialphotos it will be real soon	-0.5070	0
8340	@lrocket thanks for everything you did to help build spacex! some of the best memories ever.	-0.2550	0.8689
8341	@deepmind congrats!	-0.2550	0.5267
8342	@engineers_feed paint makes a hell of a difference	-0.2550	-0.6808
8343	@justpaulinelol it does get a bit cold at night	0.0511	0
8344	science is discovering the essential truths about what exists in the universe, engineering is about creating things that never existed <a href="https://t.co/aieuthopxm">https://t.co/aieuthopxm</a>	0.0511	0.296
8345	much of what people think of as science is actually engineering, eg no such thing as a "rocket scientist", only rocket engineers. latter is who put humans on the moon.	0.0511	0

8346	@tesmanian_com award accepted on behalf of the great people at tesla, spacex, neuralink & boring co	0.0511	0.743
8347	@theonion it was a beast compared to the vic-20	0.0511	0
8348	@ercxspace @spacex @nasaspaceflight @erdayastronaut @marcushousegame @felixschlang not bad	-0.0648	-0.5423
8349	prometheus unbound	-0.0096	0
8350	watch demolition man	-0.0096	0
8351	@rationaletienne and no toilet paper 🚽🚽	-0.0096	0
8352	@rdanglephoto @spacex @teslarati yes, it does.	0.3217	0.4019
8353	@haya2e_jaxa congratulations!	0.3217	0.5994
8354	@haya2e_jaxa @jaxa_en congratulations!	0.3217	0.5994
8355	im gespräch mit mathias döpfner  <a href="https://t.co/bqa5piaonk">https://t.co/bqa5piaonk</a>	0.3217	0
8356	100	0.3217	0
8357	@lexfridman we are mobile cell colonies	0.3217	0
8358	@adamklotz_ @lexfridman yes	0.3217	0.4019
8359	@lexfridman carrying even more symbiotic bacteria (~40 trillion) than cells	0.3217	0
8360	@nasaspaceflight knock, knock, singing telegram!	0.3217	0
8361	@space_station @spacex wow, station looks amazing!	0.3217	0.8225
8362	out on the pad in south texas <a href="https://t.co/rocyoxptc2">https://t.co/rocyoxptc2</a>	0.3217	0
8363	@nasaspaceflight yup	0.1681	0
8364	@spacex hopefully flying tomorrow	0.1681	0.4019
8365	@spacex probably 1/3 chance of completing all mission objectives	0.1681	0.25
8366	"so long, and thanks for the orifice!" - alien message decrypted	0.1681	0.4404
8367	@spacex @space_station it's called the space "station", but it's actually moving around earth at ~25 times the speed of sound or ~10 times faster than a rifle bullet	0.1681	0
8368	@wonderofscience near-orbital space is the fastest way to travel long distance on earth!	0.1681	0
8369	@thebabylonbee 🦸	-0.6317	0
8370	successful ascent, switchover to header tanks & precise flap control to landing point! <a href="https://t.co/iirairesg5m">https://t.co/iirairesg5m</a>	0.5376	0.5859
8371	fuel header tank pressure was low during landing burn, causing touchdown velocity to be high & rud, but we got all the data we needed! congrats spacex team hell yeah!!	0.5376	-0.5106
8372	mars, here we come!!	0.5376	0
8373	@erdayastronaut yeah, engines did great!	0.5376	0.743
8374	life, the universe and everything <a href="https://t.co/1zcziinf4u">https://t.co/1zcziinf4u</a>	0.5376	0
8375	thank you, south texas for your support! this is the gateway to mars.	0.5376	0.6369
8376	@erdayastronaut @spacex sn8 did great! even reaching apogee would've been great, so controlling all the way to putting the crater in the right spot was epic!!	0.5376	0.875
8377	@nasaspaceflight @bocachicagal exactly! woohoo!!	0.5376	0
8378	@spacepadreisle @spacex agreed, should be preserved in memory of sn8	-0.1618	0.2732
8379	@conexionspacial @pockn_cg yes	-0.1618	0.4019
8380	@ercxspace @spacex ship leeward side will be bare metal, windward will have black, hexagonal heat shield tiles	0.1309	0
8381	@ppathole @ercxspace @spacex *cooling haha	0.1309	0.4588
8382	@quantamagazine init void	0.1309	0
8383	<a href="https://t.co/qbnt1dused">https://t.co/qbnt1dused</a>	0.1309	0
8384	<a href="https://t.co/sdmxbhdzd">https://t.co/sdmxbhdzd</a>	0.1309	0
8385	@cyberpunkgame <a href="https://t.co/kmg7c9qf6h">https://t.co/kmg7c9qf6h</a>	0.1309	0
8386	@cyberpunkgame <a href="https://t.co/rhksb40xqr">https://t.co/rhksb40xqr</a>	0.1309	0
8387	hehe <a href="https://t.co/sklmil3oxt">https://t.co/sklmil3oxt</a>	0.1309	0
8388	@zwiebelbach @its_menieb @cyberpunkgame <a href="https://t.co/aayypcpp1i">https://t.co/aayypcpp1i</a>	0.1309	0
8389	@ppathole @cyberpunkgame yeah, briefly. seems pretty good. i picked nomad, so start was a little slow, but picks up fast. seemed like almost everyone on steam was playing cyberpunk at some point this weekend!	0.1309	0.8843
8390	@engineers_feed 🚽	0.1309	0
8391	ascent to the heavens <a href="https://t.co/oggsw88yrz">https://t.co/oggsw88yrz</a>	0.1309	0
8392	@theonion .@thebabylonbee	0.1309	0
8393	@cyberpunkgame the objective reality is that it is impossible to run an advanced game well on old hardware. this is a much more serious issue: <a href="https://t.co/omncta9hjy">https://t.co/omncta9hjy</a>	-0.2138	0.4215
8394	@dota2funny1 @cyberpunkgame original deus ex was incredible, human revolution was also great	-0.2138	0.7506

8395	@tesmanian_com giga berlin-brandenburg will be the first to use our new structural pack architecture, 4680 (world's most advanced cells, made on-site), both front & rear body castings & advanced paint shop. warning: with so much new technology, production timing is naturally harder to predict.	-0.2138	0.1531
8396	@tesmanian_com dankeschön brandenburg und grünheide!	-0.1655	0
8397	@truth_tesla @tesmanian_com perhaps slightly more confident, but it's essential to view this as output vs time. as with all manufacturing, especially new technology, output will follow an s-curve. very slow at first, but increasing exponentially, then linear, then logarithmic.	-0.1655	0.4417
8398	@picot_john @cyberpunkgame it's a good to great game imo, but improving what may seem like mere surface detail would make it unequivocally great	-0.1655	0.9468
8399	@erdayastronaut @flightclubio far from fully loaded, but we were going slow or the ship would have gone crazy high/far with three engines	-0.1655	-0.34
8400	@erdayastronaut @flightclubio the raptors were well below max thrust or the ship would have blown through the altitude limit. as we hit min throttle point, an engine would shut off.	-0.1655	0.2732
8401	@cleantechnica i absolutely support trans, but all these pronouns are an esthetic nightmare	-0.1655	0.4576
8402	@pcgamer a t-shirt being better armor than a kevlar chest plate doesn't make sense in the absence of magic. also, wish there weren't level-based item limits in a single-player game.	-0.1655	0.6808
8403	@teslarati @13ericralph31 this is incorrect	0.2041	0
8404	star light, star bright <a href="https://t.co/6cetazsxco">https://t.co/6cetazsxco</a>	0.2041	0.4404
8405	@teslaownerssv it will get absurdly good. tesla ai/autopilot engineering is awesome! there's some great ai out there, but can it self-drive while playing cyberpunk ... ?	0.2041	0.9169
8406	@teslaownerssv @astonmartin @tesla he was indeed quite grumpy, but we did not actually know what we were doing, so he had a point	0.2041	0
8407	@spacex last launch of 2020 coming up	0.2041	0
8408	@tesla_mania i am hoping to be back next month!	0.2041	0.4215
8409	@spacex pressure is slightly high in upper stage liquid oxygen tank. review underway.	0.2041	-0.296
8410	@spacex standing down for today to inspect rocket. hopefully launching tomorrow.	0.2041	0.4019
8411	bitcoin is my safe word	-0.2768	0.4404
8412	just kidding, who needs a safe word anyway!?	-0.2768	0.5106
8413	@xdreamcoding @frank_thelen nice branding	-0.2768	0.4215
8414	"lord" edge	-0.2768	0
8415	@callawaytech sounds about right	-0.2768	0
8416	<a href="https://t.co/ebojgshvrq">https://t.co/ebojgshvrq</a>	-0.2768	0
8417	@mightytesla @kristennetten @lauren_kalo @sawyermeritt @jasondebolt @codingmark @28delayslater @babytelsa3 @4throwpopcorn @iloveelonandte1 nice	-0.2768	0.4215
8418	bitcoin is almost as bs as fiat money	-0.2768	0
8419	one word: doge	-0.2768	0
8420	@padgeuk absolutely. we will release fsd subscription early next year.	-0.2768	0
8421	come for the comments, stay for the memes 🎤	-0.2768	0
8422	@flcnhv pretty much. the main value of college used to be hanging out, having pseudo intellectual conversations & partying with people your own age. now, even that's gone.	-0.2768	0.6808
8423	@pcgamer great game	-0.2768	0.6249
8424	@bizzzzzyd you have a point (sigh)	-0.2768	0.0258
8425	♥ i love all u crazy ppl out there ♥	-0.2768	0.4215
8426	@michael_saylor are such large transactions even possible?	-0.2768	0
8427	@mkbhd they are, although it's kind low-key. tesla superchargers are being made accessible to other electric cars.	-0.2768	0.3182
8428	@kristennetten it was a seriously twisted affair, but all's that ends well.	-0.2768	0.1027
8429	@teslaownerssv indeed	-0.2768	0
8430	thanks to everyone who worked so hard to make tesla successful. my heart goes out to you.	-0.2768	0.743
8431	@lizclaman @tesla @foxbusiness @clamancountdown hi liz!	-0.2768	0
8432	@archillect sparta's reply to macedon	-0.1874	0
8433	@wintonark strange, if true.  - tesla already uses iron-phosphate for medium range cars made in our shanghai factory.  - a monocell is electrochemically impossible, as max voltage is ~100x too low. maybe they meant cells bonded together, like our structural battery pack?	-0.1874	0.34
8434	@wintonark during the darkest days of the model 3 program, i reached out to tim cook to discuss the possibility of apple acquiring tesla (for 1/10 of our current value). he refused to take the meeting.	-0.1874	0.1531
8435	@heydave7 good idea	0.0479	0.4404
8436	@deepmind @nature frictionless ai. what could possibly go wrong?	0.0479	-0.4767

8437	to tesla owners taking delivery in the final days of year, your support is super appreciated!!	0.0998	0.872
8438	@erdayastronaut yup, we're just ironing out a few bugs	0.0998	0
8439	@trevormahlmann yeah	0.0998	0.296
8440	@olhzn minor	0.0998	0
8441	@marcushousegame coming soon	0.0998	0
8442	@flcnhv @marcushousegame a few months	0.0998	0
8443	@elonsworld @real_futurist @lexfridman yes	0.0998	0.4019
8444	@westcoastbill the writing on cobra kai is sick 😂	-0.2170	-0.5106
8445	@13arm13arm it's one 🚗 or 1/2 🚗 if you don't have a car with pedestrian speaker. we couldn't get everything done in time, but more stuff coming.	-0.2170	0
8446	@flcnhv @h3_extrachars it's a step in that direction	-0.2170	0
8447	@stevewoz definitely	-0.2170	0.4019
8448	@teslaownerssv we need a "match other traffic speed" setting	-0.2170	0
8449	@tesla_adri @teslaownerssv yes	-0.2170	0.4019
8450	@kkvr2823 @tesla_adri @teslaownerssv there are subtle, important, differences between us & canada traffic rules, but fsd beta will be extended to canada very soon	-0.2170	0.2023
8451	@erdayastronaut @teslaownerssv haha ok	-0.2170	0.6369
8452	@erdayastronaut @teslaownerssv sure	-0.2170	0.3182
8453	@ivanescobosa @erdayastronaut @teslaownerssv a few more revisions needed. probably beta 10 or 11.	-0.2170	0
8454	@teslatruckclub @jeremyjudkins @jpuconn @jchybow @dirtytesla we will offer multiple display options	-0.2170	0
8455	@jgrano305 @teslatruckclub @jeremyjudkins @jpuconn @jchybow @dirtytesla yes	-0.2170	0.4019
8456	@spacecoast_stve @nasaspacesflight falcon was 25% of successful orbital launches in 2020, but maybe a majority of payload to orbit. anyone done the math?	-0.2170	0.5859
8457	@flcnhv liz has always done great interviews	-0.2170	0.6249
8458	@conexionspacial @spacecoast_stve @nasaspacesflight interesting	-0.2170	0.4019
8459	@lexfridman good point	-0.2170	0.4404
8460	@gunmtlm3 @lexfridman no, but definitely this year	-0.2170	0.4019
8461	@teslaownerssv @lexfridman you mean install the external speaker on earlier cars that don't have it?	-0.2170	0
8462	@teslaownerssv @lexfridman ok, service might be able to do this. will check.	-0.2170	0.296
8463	@engineers_feed very important	-0.2170	0.2023
8464	@laurenrow5 @karpathy yes	-0.2170	0.4019
8465	@thatdesignguy @m_siphiw @moosuraj @tesla roughly 95% of parts in tesla roadster were unique — not in any other product. unfortunately, since we started out with the (dumb, in retrospect) goal of simply adapting lotus elise to electric, we ended up with a 10% too small sports car that seems kinda like a lotus.	-0.2170	-0.5413
8466	@wsj focus on making products & services people truly love, so that the total economic pie is bigger, instead of engaging in zero-sum/negative-sum corporate power struggles. this is the good future.	-0.2170	0.743
8467	try playing polytopia in your tesla! great game. multiplayer online version coming soon.	-0.2170	0.7096
8468	@tesmanian_com taste of the future	-0.2170	0
8469	@ppathole @wsj absolutely	-0.2170	0
8470	what should tesla do with in-car gaming in an autonomous world?	-0.2170	0
8471	@richierichhhh_absolutely	-0.2170	0
8472	@kimpaquette just meeting with larry ellison to seek some advice. back working on tesla end of quarter tomorrow.	-0.2170	0
8473	entertainment will be critical when cars drive themselves	-0.2170	0.128
8474	@spacenews_inc starlink "poses a hazard" to viasat's profits, more like it. stop the sneaky moves, charlie ergen!	-0.0518	0.3182
8475	@maldivawow @codingmark @tesla no, these are just incremental improvements to the production codebase. fsd build is a fundamental rewrite, not just in the car, but also our video training/labeling software.	-0.0518	0.3182
8476	@bensullins we need a ui overhaul	-0.0518	0
8477	this is not cgi <a href="https://t.co/voive97vpr">https://t.co/voive97vpr</a>	-0.0518	0
8478	such a weird game when you think about it <a href="https://t.co/5mrvvzmekg">https://t.co/5mrvvzmekg</a>	-0.0518	-0.1779
8479	@chicago_glen true haha	-0.0518	0.7003
8480	not everything is made of cake <a href="https://t.co/omacmyqawx">https://t.co/omacmyqawx</a>	-0.0518	0
8481	@karpathy if they don't love us, we're in deep trouble!	-0.0518	0.3612
8482	@sfs_central !! even cheese is made of cake !!	-0.0518	0
8483	@jayson32292601 absolutely. will be text & visualization, but could add voice too.	-0.0518	0
8484	the last kingdom show is great	0.1326	0.6249

8485	@ashleevance westworld	0.1326	0
8486	@reza_zadeh less?	0.1326	0
8487	@spacenews_inc and mark dankberg. this action is wack, not dank!!	0.1326	0
8488	destiny, destiny no escaping that for me	0.1326	0.0516
8489	@tobyliliiiiiii are we sure this is real?	0.1326	0.3182
8490	@harsimranbansal literally	0.1326	0
8491	@tesmanian_com this is very sensible. opposition from anywhere cannot mean no progress everywhere!	0.1326	0.4215
8492	snake-head dog had my undivided attention until winder-head ostrich came gliding through all nonchalant <a href="https://t.co/dtpmdm3tqp">https://t.co/dtpmdm3tqp</a>	0.1326	0
8493	@ercxspace we're going to try to catch the super heavy booster with the launch tower arm, using the grid fins to take the load	0.1326	0.5994
8494	@flcnhv @ercxspace yes	0.1326	0.4019
8495	@rationaletienne @biogirl09 @ercxspace legs would certainly work, but best part is no part, best step is no step	0.1326	0.8957
8496	@flabellina212 @rationaletienne @biogirl09 @ercxspace yes	0.1326	0.4019
8497	@erdayastronaut @flcnhv @ercxspace sn9 will press ch4 header tank with helium. long-term solution is under debate. not clear what is lightest/simplest.	0.1326	0.5994
8498	@rexchapman haha	0.1326	0.4588
8499	@icannot_enough @aloysiusfekete @rationaletienne @biogirl09 @ercxspace exactly	0.1326	0
8500	@erdayastronaut @flcnhv @ercxspace production is hard, prototypes are easy. building ~1000 starships to create a self-sustaining city on mars is our mission.	0.1326	0.5574
8501	@erdayastronaut might be a few lumps along the way	0.1326	0
8502	@jack let's make the roaring 20's again!	-0.0479	0
8503	@smvllstvrs @ercxspace rocket motion is primarily vertical, so you want the top open	-0.0479	0.2732
8504	@flcnhv inspired by the ballet	-0.0479	0.4939
8505	@jack 🎭 the greatest gatsby 🎭	-0.0479	0.6369
8506	great interview with mathias döpfner <a href="https://t.co/ewnahc4ch0">https://t.co/ewnahc4ch0</a>	-0.0479	0.6249
8507	ignore the heading	-0.0479	-0.3612
8508	@comma_ai tesla full self-driving will work at a safety level well above that of the average driver this year, of that i am confident. can't speak for regulators though.	-0.0044	0.7964
8509	@newscientist um, we have giant fusion reactor in the sky that works with no maintenance	-0.0044	0
8510	so proud of the tesla team for achieving this major milestone! at the start of tesla, i thought we had (optimistically) a 10% chance of surviving at all. <a href="https://t.co/xcqtl5tgle">https://t.co/xcqtl5tgle</a>	-0.0044	0.6249
8511	@gfilche 😊	-0.0044	0
8512	@rgvaerialphotos @spacex yes	-0.0044	0.4019
8513	snow falling on giga berlin <a href="https://t.co/etxmtyp8hg">https://t.co/etxmtyp8hg</a>	-0.0044	-0.1531
8514	because of the large footprint, it may seem flat, but actually ranges up to 5 stories tall	-0.0044	0
8515	this is called the domino effect <a href="https://t.co/qpbew54rvm">https://t.co/qpbew54rvm</a>	0.2411	0
8516	@ppathole dumb and dumber is a great movie tho	0.2411	-0.1779
8517	the most entertaining outcome is the most likely	0.2411	0.4404
8518	as seen from an external observer, not the participants	0.2411	0
8519	@flcnhv yes, and then occam's razor is actually third most likely	0.2411	0.4019
8520	@univercurious fast water with tiny rocks	0.2411	0
8521	@thehackersnews ya don't say. reminds me of this timeless classic ... <a href="https://t.co/gq1wayotir">https://t.co/gq1wayotir</a>	0.2411	0
8522	use signal	0.2411	0
8523	@teslaownerssv how strange	0.2411	-0.2023
8524	@teslaownerssv well, back to work ...	0.2411	0.2732
8525	<a href="https://t.co/2ja38z8mre">https://t.co/2ja38z8mre</a>	0.2411	0
8526	@ericrweinstein hamiltonians have +2v the potential of langrangians and a play!	0.2411	0.34
8527	@id_aa_carmack i hope so. wings don't work on the moon at all and def not well on mars. also, no runways.	0.2411	0.6124
8528	@ashleevance true	0.2411	0.4215
8529	@4thfromourstar playing the long game	0.2411	0.2023
8530	@teslarati @residentsponge this will be hard to make, as it isn't like any other vehicle	0.2411	0.2732
8531	@engineers_feed not to get to orbit, unfortunately. in space, photon emission powered by matter-antimatter annihilation would rock, but that's more of a long-term solution.	0.0918	0
8532	@engineers_feed indirectly, an electric rocket is possible by using electricity to convert co2+h2o —> ch4+o2. this will be needed on mars even for early missions & earth too over time.	0.0918	0.2732
8533	@eugenelee3 @engineers_feed yup	0.0918	0

8534	btw, critical feedback is always super appreciated, as well as ways to donate money that really make a difference (way harder than it seems)	0.0918	0.7906
8535	launch underway <a href="https://t.co/wbk7zz0fqx">https://t.co/wbk7zz0fqx</a>	0.0918	0
8536	@erdayastronaut @lexfridman or at least the option for verification, so that the public can ascribe more credibility to verified vs unverified accounts	0.0918	0
8537	@flcnhv probably less than a few dozen primary decision-makers. technically, only three.	-0.4196	0
8538	@engineers_feed his sick beats <a href="https://t.co/8pbsgffzrp">https://t.co/8pbsgffzrp</a>	-0.4196	-0.5106
8539	@ppathole @engineers_feed yes, that would be the best way to do it. a large solar field or reactor is needed for power, and then some ice mining droids or long maneuvering drills are needed for the h2o. these are probably the trickier bits.	-0.4196	0.7351
8540	@91demigod no, but maybe one day	-0.4196	0
8541	@tonychomrmagic @teslaenergy one of the best tesla solar roof installations	-0.4196	0.6369
8542	@benmezrich me neither	-0.4196	0
8543	@techreview and increase fun! hopefully.	-0.4196	0.8074
8544	@erdayastronaut @spacex that's actually our restaurant, but spacex is building a futuristic bar at the top of the high bay with 360 degree windows & a glass floor looking down on the rocket factory	-0.4196	0.2023
8545	@christo49699922 @sean18743005 @erdayastronaut @spacex that too	-0.4196	0
8546	@erdayastronaut @spacex i super support public spaces around our production & launch sites, wherever it can be done safely and securely. when covid passes, we will open up our restaurant to the public & figure out ways to allow limited access to the high bar.	-0.4196	0.8689
8547	@erdayastronaut @spacex was also thinking that spacex boca should hold fun parties and give tours for the community from time to time	-0.4196	0.7184
8548	my 14-year-old son, saxon, said he feels like 2021 will be a good year. i agree. let us all make it so.	-0.4196	0.7845
8549	@woketopiansa yeah, they seemed optimistic too	-0.4196	0.5423
8550	@glenn22x @woketopiansa yes, but not for long	-0.4196	0.4019
8551	@mayemusk it's true	-0.4196	0.4215
8552	@erigganewmoney 😊	-0.4196	0
8553	@boredelonmusk 😊	-0.4196	0
8554	@spacepadreisle the prancing pony?	-0.4196	0
8555	@ragazaga5 @spacepadreisle maybe a tesla ai day later this year	-0.4196	0
8556	@song_wooseok @gerberkawasaki @benmezrich 😊	-0.4196	0
8557	@benmezrich i am primarily trying to advance two causes: sustainable energy & extending life/consciousness beyond earth. there is also the existential threat of ai, which we should aspire to mitigate. this doesn't leave time to write books.	-0.4196	0.2263
8558	@alexandersibert @signalapp already donated to signal a year ago. will donate more.	-0.4196	0
8559	@thebabylonbee a lot of people are going to be super unhappy with west coast high tech as the de facto arbiter of free speech	-0.4196	0.802
8560	@ppathole i bought the replacement glass from a junkyard for \$20. they're great places to get spare parts.	-0.4196	0.6249
8561	@austinteslaclub @thebabylonbee probably commenting on @signalapp will do more	-0.4196	0
8562	@skorusark the factory is the product	-0.4196	0
8563	@archillect once in a while, something happens that is even better than we imagined	-0.4196	0.4404
8564	@codingmark @flcnhv it is	0.0507	0
8565	@rationaletienne @thebabylonbee this is an important distinction	0.0507	0.2023
8566	@roscosmos он был великолепен	0.0507	0
8567	mus protec 😊 yoda <a href="https://t.co/1dvhg0ntku">https://t.co/1dvhg0ntku</a>	0.0507	0
8568	@iamdevloper <a href="https://t.co/bkkeiiicye">https://t.co/bkkeiiicye</a>	0.0507	0
8569	<a href="https://t.co/tkkruvgbth">https://t.co/tkkruvgbth</a> <a href="https://t.co/ocy2gfryvn">https://t.co/ocy2gfryvn</a>	0.0507	0
8570	@wonderofscience @physicsj 300km every millisecond, but there are times i wish it were faster	0.0507	0.4019
8571	@machinepix the robot future is coming	0.0507	0
8572	@theoldmanpar @djsnm @machinepix hate to say it, but might be true	-0.0911	-0.2263
8573	hey you ... yeah you queen ... you're gonna make it! ❤️ ❤️ <a href="https://t.co/lrqdirbiyd">https://t.co/lrqdirbiyd</a>	-0.0911	0.296
8574	@lexfridman absolutely	-0.0911	0
8575	@lexfridman suicide is more than double homicide <a href="https://t.co/mvwgps9uqe">https://t.co/mvwgps9uqe</a>	-0.0911	0
8576	@spacex @space_station one day, we will get a camera up there that also shows the star field in the background	-0.0911	0
8577	@arstechnica @sciguyspace we're just trying to get people to mars. help would be appreciated.	-0.0911	0.7184
8578	legalize comedy	-0.0911	0.3612
8579	@tesmanian_com as promised	-0.0911	0.3612

8580	today at spacex is about practicing starship engine starts. ship is held down by massive pins while engines are fired. two starts completed, about to try a third.	-0.0911	-0.5574
8581	@connectdotstoo sure	-0.0911	0.3182
8582	@nasaspaceflight sea shanty tiktok takes it to a new level with actual pirate ships	-0.0911	0
8583	<a href="https://t.co/ho7ygxas3a">https://t.co/ho7ygxas3a</a>	-0.0913	0
8584	@justpaulinelol @erdayastronaut @spacex wow, a lot has happened in 10 years!	-0.0913	0.5859
8585	@tesla physics	-0.0913	0
8586	@skorusark prototypes are easy, volume production is hard, positive cash flow is excruciating	-0.0913	0.7269
8587	@realomarabdalah we don't have high school internships, but please apply when you're in college!	-0.3170	0.3182
8588	@johnkrausphotos @spacex nice shot	-0.3170	0.4215
8589	@ppathole @johnkrausphotos @spacex two of the engines need slight repairs, so will be switched out	-0.3170	0
8590	@erdayastronaut we're making major improvements to ease of engine swap. needs to be a few hours at most.	-0.3170	0.3182
8591	@tobyliliiiiiii @erdayastronaut probably wise	-0.3170	0.4767
8592	@rationaletienne @tobyliliiiiiii @erdayastronaut they sure can twist the knife in that show!	-0.3170	0.3182
8593	monty python is amazing <a href="https://t.co/ujq94iwt88">https://t.co/ujq94iwt88</a>	-0.3170	0.5859
8594	@breedlove22 @benmezrich the thing we call money is just an information system for labor allocation.  what actually matters is making goods & providing services.  we should look at currencies from an information theory standpoint.  whichever has least error & latency will win.	-0.3170	0.7317
8595	@cerberu21014829 @breedlove22 @benmezrich good point	-0.3170	0.4404
8596	@breedlove22 @benmezrich only chuck norris can divide by zero	-0.3170	0
8597	@superclusterhq @w00ki33 fallout new texas	-0.3170	0
8598	@teslatino @tesla absolutely! they rock. ❤️	-0.1866	0
8599	@laurenrow5 @evafoxu @renatakonkoly @sarapolak_cz @seanmmitchell @28delayslater @elonsworld @johnnacrider1 @chicago_glen @xiang_aw he's everywhere 🎉🎉	-0.1866	0
8600	@elonsworld @tesla @spacex @neuralink @boringcompany @eashanmisra that would probably mean civilization is doing great, although depends on assumptions for inflation haha	-0.0012	0.7964
8601	@kristennetten @spacex @eliburton_ @evafoxu @janeidyeve @austinbarnard45 @elonsbrain @jason7patterson @astrojordy @renatakonkoly pretty much	-0.0012	0.4939
8602	am donating \$100m towards a prize for best carbon capture technology	-0.0012	0.8176
8603	details next week	-0.0012	0
8604	@erdayastronaut it's a good path for fully renewable rocket energy, so solves part of problem, but longer chain hydrocarbons than ch4 are needed to be solid at room temp	-0.0012	0.6444
8605	@gerberkawasaki they are part of the solution, but require lots of fresh water & land. we may need something that's ultra-large- scale industrial in 10 to 20 years. for now, by far the top priority is accelerating the transition to a sustainable energy economy.	-0.0012	0.7579
8606	launching many small satellites for a wide range of customers tomorrow. excited about offering low-cost access to orbit for small companies! <a href="https://t.co/nrxmbml747">https://t.co/nrxmbml747</a>	0.1066	0.0772
8607	@arstechnica @sciguysspace given so many other companies are depending on this mission, it is getting even more scrutiny than a starlink flight	0.1066	0
8608	@nasaspaceflight hopefully, early next week	0.1066	0.4019
8609	@codewisdom <del>100</del>	0.1066	0
8610	@ppathole @spacex lasers	0.1066	0
8611	under vegas in @boringcompany tunnel yesterday with my boys <a href="https://t.co/tlfouiedfm">https://t.co/tlfouiedfm</a>	0.1066	0
8612	@alex_e_benton @boringcompany 🎉🎉	0.1066	0
8613	@flcnhvvy @boringcompany fallout-themed opening party for vegas loop happening as soon as allowed!	0.1066	0.4019
8614	@ricguccio @teslaownerssv it floats	0.1066	0
8615	@cleantechnica to my surprise, tesla has better ai hardware & software than waymo (money)	0.1066	0.6124
8616	@teslaownerssv @cleantechnica sorry for the version confusion. v8.1 is what it should say for fsd. separate version number for rest of car.	0.1066	-0.296
8617	@tesmanian_com these also have laser links between the satellites, so no ground stations are needed over the poles	0.1066	0
8618	@teslagong @teslaownerssv @cleantechnica i hope so	0.1066	0.4404
8619	@megaconstellati @aviation_intel @jetcitystar @larrypress yup	0.1066	0
8620	@levine catchy! <a href="https://t.co/au32myf2rn">https://t.co/au32myf2rn</a>	0.1066	0

8621	@naval [some tyranny]. also, the road to hell is mostly paved with bad intentions.	0.1066	-0.8442
8622	@wholemarsblog tesla is steadily moving all nns to 8 camera surround video. this will enable superhuman self-driving.	0.1066	0
8623	@flcnhv @wholemarsblog yes, although it will be crazy not to turn on fsd	0.1066	0.0772
8624	@nextspaceflight we're hoping for faa approval of a test flight tomorrow afternoon	-0.1698	0.7096
8625	@thesheetztweetz it does not serve the public to hamstring starlink today for an amazon satellite system that is at best several years away from operation	-0.1698	0.6369
8626	i kinda love etsy	-0.1698	0.6003
8627	<a href="https://t.co/gpcvjbtlm">https://t.co/gpcvjbtlm</a>	-0.1698	0
8628	bought a hand knit wool marvin the martian helm for my dog	-0.1698	0.4939
8629	@ppathole <a href="https://t.co/v7cffwac0a">https://t.co/v7cffwac0a</a>	-0.1698	0
8630	@adamhoov yes	-0.1698	0.4019
8631	@labpadre passed initial pressure test	-0.1698	-0.296
8632	gamestonk!! <a href="https://t.co/rztkdzaewj">https://t.co/rztkdzaewj</a>	-0.1545	0
8633	@andycolt2 waiting for faa review ...	-0.1545	0
8634	<a href="https://t.co/f23fxqkbce">https://t.co/f23fxqkbce</a>	-0.1545	0
8635	@jason yup. wild times on discord haha.	-0.1545	0.0772
8636	even discord has gone corpo ...	0.0271	-0.4019
8637	plaid model s ships next month <a href="https://t.co/hfuptnqipb">https://t.co/hfuptnqipb</a>	0.0271	0
8638	it can play cyberpunk	0.0271	0.34
8639	first production car ever to achieve 0 to 60 mph in less than 2 seconds	0.0271	0
8640	0 to 155mph trap speed in a 1/4 mile. 200mph top speed (with right tires).	0.0271	-0.128
8641	@lafebra @gfilche yeah, also a rear screen	0.0271	0.296
8642	@avalonpenrose a hedge fund that shorts is a shrubbery	0.0271	0
8643	@wholemarsblog no more stalks. car guesses drive direction based on what obstacles it sees, context & nav map. you can override on touchscreen.	0.0271	0
8644	@wholemarsblog after you drive without using a prnd stalk/stick for a few days, it gets very annoying to go back & use a shifter!	0.0271	-0.4019
8645	@24_7teslanews @wholemarsblog yeah, probably in a few months	0.0271	0.296
8646	@couch_investor yes	0.0271	0.4019
8647	<a href="https://t.co/djdzxq4maz">https://t.co/djdzxq4maz</a>	0.0271	0
8648	@dmc_ryan new roadster is part rocket	0.0271	0
8649	@teslaownerssv @dmc_ryan a little	0.0271	0
8650	@trevormahlmann @spacex major esthetics improvements coming	0.0271	0.3182
8651	the esthetics of cyberpunk are incredible btw. the interior design is 🤯 .	0.0271	0
8652	@anbuteau 🎭	0.0271	0
8653	@evankaylor nomad	0.0271	0
8654	@nasaspacesflight unlike its aircraft division, which is fine, the faa space division has a fundamentally broken regulatory structure.  their rules are meant for a handful of expendable launches per year from a few government facilities. under those rules, humanity will never get to mars.	0.0271	-0.3182
8655	@aoc @robinhoodapp absolutely	0.0271	0
8656	@ppathole @grimezz i made that video!	0.0271	0
8657	@28delayslater finishing engineering this year, production starts next year. aiming to have release candidate design drivable late summer. tri-motor drive system & advanced battery work were important precursors.	0.0271	0.4215
8658	@rationaletienne @teslavangelist yes	0.0271	0.4019
8659	u can't sell houses u don't own u can't sell cars u don't own but u *can* sell stock u don't own!? this is bs – shorting is a scam legal only for vestigial reasons	0.0271	-0.4939
8660	here come the shorty apologists give them no respect get shorty	0.0271	0.4767
8661	@iupsychdoctor @aoc @robinhoodapp tanstaafl. would be better to have small fees than no fees, as latter makes robinhood beholden to big trading houses. got to pay the bills somehow. even etsy has fees.	0.0271	0.3612
8662	@ohqwix @bnnj6bcghvzqlb 💀 💀	0.0271	0
8663	@johnnacrider1 @iupsychdoctor @aoc @robinhoodapp shopify is great too. spacex used them.	-0.4123	0.6249

8664	@westcoastbill indeed	-0.4123	0
8665	@documentingbtc the dollar is shorting itself	-0.4123	0
8666	<a href="https://t.co/a6kmk0pegm">https://t.co/a6kmk0pegm</a>	-0.4123	0
8667	with cyberpunk, even the hotfixes literally have hotfixes, but ... great game	-0.4123	0.6249
8668	@gamespot 00	-0.4123	0
8669	@lexfridman entropy	-0.4123	0
8670	@its_menieb live by the sword, die by the sword	-0.4123	-0.5994
8671	@rgvaerialphotos great shot	-0.4123	0.6249
8672	in retrospect, it was inevitable	-0.4123	0
8673	@thejackbeyer @nasaspaceflight cryoprotect, then install engines	0.1147	0
8674	@carnage4life i sure hope that's not true at tesla or spacex!	0.1147	0.7906
8675	<a href="https://t.co/pyrcfe97xp">https://t.co/pyrcfe97xp</a>	0.1147	0
8676	@flcnhv only halo	0.1147	0
8677	@younesh1989 i never used this guy. he gave a talk at spacex once.	0.1147	0
8678	@jaylav_yeah, dr frankenstein <a href="https://t.co/wdj9k2ujqk">https://t.co/wdj9k2ujqk</a>	0.1147	0.296
8679	what a beautiful day in la <a href="https://t.co/escjtzbz09d">https://t.co/escjtzbz09d</a>	0.1147	0.5994
8680	warm, sunny day & snowy mountains <a href="https://t.co/2k8psyqu4j">https://t.co/2k8psyqu4j</a>	0.1147	0.2263
8681	@thebabylonbee read the whole article 00	0.1147	0
8682	@we5dogg @teslaownerssv no escaping that for me	0.1147	0.0516
8683	@ercxspace @smvllstvrs t/w will be ~1.5, so it will accelerate unusually fast. high t/w is important for reusable vehicles to make more efficient use of propellant, the primary cost. for expendable rockets, throwing away stages is the primary cost, so optimization is low t/w.	0.1147	0.6249
8684	@tj_cooney @lrocket @spacex @felixschlang @marcushousegame tom is great & was instrumental in developing early versions of merlin & kestrel, but not later versions of merlin or starship/raptor	0.1147	0.6249
8685	@erdayastronaut @tj_cooney @lrocket @spacex @felixschlang @marcushousegame he became a big fan of methane, but was not pushing it initially. that came from me reading about soviet methane engine tests that got over 380 isp. at that isp, a subcooled methane stage gets slightly better delta-v than a hydrogen stage.	0.1147	0.6003
8686	@erdayastronaut @tj_cooney @lrocket @spacex @felixschlang @marcushousegame tom has some great stories about experimenting with premixed o2/ch4 before spacex. that is not recommended haha.	0.1147	0.836
8687	on clubhouse tonight at 10pm la time	0.1147	0
8688	<a href="https://t.co/xccokojylt">https://t.co/xccokojylt</a>	0.1147	0
8689	please consider working at neuralink!  short-term: solve brain/spine injuries long-term: human/ai symbiosis  latter will be species-level important  work at either at our bay area or austin locations <a href="https://t.co/lpzdrwo8h3">https://t.co/lpzdrwo8h3</a>	0.1147	0.5994
8690	feels weird helping make (hopefully good version of) cyberpunk come true	0.1147	0.836
8691	if you've worked on advanced wearables, phones or robots, those skills are needed @neuralink	0.1147	0.25
8692	@hamoon__ @neuralink neuralink is working super hard to ensure implant safety & is in close communication with the fda. if things go well, we might be able to do initial human trials later this year.	0.1283	0.875
8693	giga berlin progress <a href="https://t.co/ekpg5qcbei">https://t.co/ekpg5qcbei</a>	0.1283	0.4215
8694	@eiraum мы сделаем	0.1283	0
8695	it will be filled with graffiti art	0.1283	0
8696	off twitter for a while	0.1283	0
8697	this was a tough one <a href="https://t.co/bey7pefpcj">https://t.co/bey7pefpcj</a>	-0.1457	-0.128
8698	<a href="https://t.co/vviuzwhodt">https://t.co/vviuzwhodt</a>	-0.1457	0
8699	doge	-0.1457	0
8700	@huobiglobal the most entertaining outcome is the most likely	-0.1457	0.4404
8701	ur welcome <a href="https://t.co/e2kf57klxb">https://t.co/e2kf57klxb</a>	-0.1457	0.4588
8702	dogecoin is the people's crypto	-0.1457	0
8703	no need to be a gigachad to own	-0.1457	0
8704	next time, we try pull *up* method <a href="https://t.co/j1m7whlrdr">https://t.co/j1m7whlrdr</a>	-0.1457	0
8705	@madoverlord we were too dumb	-0.1457	-0.5106
8706	sandstorm is a masterpiece	-0.1457	0
8707	@commander_cruz might actually happen	-0.1457	0

8708	i am become meme, destroyer of shorts	-0.1457	0
8709	@erdayastronaut @spacex it was foolish of us not to start 3 engines & immediately shut down 1, as 2 are needed to land	-0.1457	-0.2732
8710	@adamklotz_ @erdayastronaut @spacex yes	-0.1457	0.4019
8711	@ajtourville @erdayastronaut @spacex yes, but engines have a min throttle point where there is flameout risk, so landing on 3 engines means high thrust/weight (further away from hover point), which is also risky	-0.1457	-0.0516
8712	@josh_bickett @ajtourville @erdayastronaut @spacex yeah. by default, engine with least lever arm would shut down if all 3 are good.	-0.1457	0.6249
8713	@brendan2908 @nasaspaceflight yes	-0.0448	0.4019
8714	@erdayastronaut @josh_bickett @ajtourville @spacex intuitively, it would seem so, but turbopump-fed raptors have much higher thrust & propellant mass fraction than pressure-fed gas thrusters & they're already there	-0.0448	-0.296
8715	@erdayastronaut @josh_bickett @ajtourville @spacex higher isp too	-0.0448	0
8716	@adamklotz_ @erdayastronaut @josh_bickett @ajtourville @spacex will still use hot gas maneuvering (rcs) thrusters, as ~5x more efficient than nitrogen (300 sec vs 60 sec isp)	-0.0448	0.4215
8717	@renatakonkoly @teslarati @woodhaus2 franz was essential	-0.0448	0
8718	@wonderofscience destiny	-0.0448	0
8719	@rationaletienne ❤	-0.0448	0
8720	much wow!	-0.1550	0.5859
8721	@redlineshifter just a scratch	-0.1550	0
8722	the future currency of earth	-0.1550	0
8723	the great thing about restaurants is that you get to hang out with strangers! - sjm	-0.1550	0.6249
8724	@owensparks_sure	-0.1550	0.3182
8725	@kristennetten yeah	-0.1550	0.296
8726	@kristennetten that's damian	-0.1550	0
8727	yolt  <a href="https://t.co/cnof9yjpf1">https://t.co/cnof9yjpf1</a>	-0.1550	0
8728	@grimezs dogecake	-0.1550	0
8729	@dumdin7 @grimezs haven't heard that name in years ...	-0.1550	0
8730	the second last kingdom <a href="https://t.co/je4ei88hm">https://t.co/je4ei88hm</a>	-0.1550	0
8731	@theonion have you read @thebabylonbee? it's great!!	-0.1550	0.6249
8732	of earth and mars	-0.1550	0
8733	lessons learned	-0.1550	0
8734	@astrojordy yes	-0.1550	0.4019
8735	@flcnhv @astrojordy not that easy. this is two decades of intense work. have to look at old notes, emails, texts.	-0.1550	0.4939
8736	@dogecoinrich 💡💡	-0.1550	0
8737	@wapodavenport true	-0.1550	0.4215
8738	@jbuttermost @dogecoinrich 💡💡	-0.1550	0
8739	@astro_g_dogg @spacex yup	-0.1550	0
8740	@joshroomsburg @snoopdogg @genesimmons its simplicity is its genius	-0.1550	0
8741	@itsallrisky it's the most fun crypto!	-0.1550	0.5106
8742	so ... it's finally come to this ... <a href="https://t.co/gf0rg2qoaf">https://t.co/gf0rg2qoaf</a>	-0.1550	0
8743	hodl the rainforests!!	-0.1550	0
8744	♫ who let the doge out ♫	-0.1550	0
8745	@univercurious extremely misleading image, as doesn't reflect true time cost to people or rain & pain	-0.1550	-0.5413
8746	@nivetha_7_42 @lexfridman so cute ❤	-0.1550	0.4588
8747	the people have spoken ... <a href="https://t.co/x41ovmztgo">https://t.co/x41ovmztgo</a>	-0.1550	0
8748	ð is for ðogecoin! instructional video. <a href="https://t.co/ueeocofctb">https://t.co/ueeocofctb</a>	-0.1550	0
8749	@michaelhodapp back to work tonight!	-0.1550	0
8750	@erdayastronaut @michaelhodapp_ 1. orbital launch tower that can stack 2. enough raptors for orbit booster 3. improve ship & booster mass	-0.1550	0.4404
8751	@michaelgalanin @kevimgill wow	-0.1550	0.5859
8752	@itsallrisky doge appears to be inflationary, but is not meaningfully so (fixed # of coins per unit time), whereas btc is arguably deflationary to a fault.  transaction speed of doge should ideally be a few orders of magnitude faster.	-0.1550	-0.2263

8753	@capybarasurfer @mattwallace888 does seem a bit high	-0.1550	0
8754	back to work i go ...	-0.1550	0
8755	@sruhle everyone at tesla receives stock.  my comp is all stock/options, which i do not take off the table.  that's what you're missing.	-0.1510	-0.296
8756	xprize team will manage the \$100m carbon capture prize <a href="https://t.co/fsw5ianl0r">https://t.co/fsw5ianl0r</a>	-0.1510	0.5106
8757	@cryptoshrikar @coindesk @tesla @dan_z_palmer 🎉🎉	-0.1510	0
8758	@tobyliliiiiiii this is intended for earth, but there may be some ideas that apply to mars too	-0.1510	0
8759	@id_aa_carmack lowest cost per ton of carbon sequestered, net of value of any product made.  must be scalable to gigaton level.  aiming for maximum usefulness.	-0.1510	0.34
8760	@rationaletienne @adamklotz_ spacex needs to pass through a deep chasm of negative cash flow over the next year or so to make starlink financially viable. every new satellite constellation in history has gone bankrupt. we hope to be the first that does not.	-0.1510	-0.6597
8761	@rationaletienne @adamklotz_ starlink is a staggeringly difficult technical & economic endeavor. however, if we don't fail, the cost to end users will improve every year.	-0.1510	-0.4767
8762	@blkmdl3 @rationaletienne @adamklotz_ once we can predict cash flow reasonably well, starlink will ipo	-0.1510	0.2732
8763	@ajtourville yes	-0.1510	0.4019
8764	@freewalletorg your app sucks	-0.4268	-0.3612
8765	@freewalletorg any crypto wallet that won't give you your private keys should be avoided at all costs	-0.4268	0
8766	this is true power haha <a href="https://t.co/fc9uhqsd7o">https://t.co/fc9uhqsd7o</a>	-0.4268	0.7003
8767	@astrojordy 🎉🎉	-0.4268	0
8768	@freewalletorg please unlock my account	-0.4268	0.3182
8769	@freewalletorg thanks for fixing	-0.4268	0.4404
8770	@joshmanmode he definitely has issues, but the sentencing seems a bit high	-0.4268	0.4019
8771	bought some dogecoin for lil x, so he can be a toddler hodler	-0.4268	0
8772	@geoffkeighley @unrealengine it's getting real	-0.4268	0
8773	<a href="https://t.co/3rwe9uhsts">https://t.co/3rwe9uhsts</a>	-0.4268	0
8774	just agree to do clubhouse with @kanyewest	-0.4268	0.3612
8775	@givedirectly just sent some	-0.4268	0
8776	the most entertaining outcome is the most likely	-0.1114	0.4404
8777	@flcnhv @anonyx10 indeed! tweets definitely do not represent real-world time allocation.	-0.1114	0.4019
8778	@owensparks_ @flcnhv @anonyx10 haha thanks :)	-0.1114	0.7096
8779	frodo was the underdoge, all thought he would fail, himself most of all. <a href="https://t.co/zgxjfdzzrm">https://t.co/zgxjfdzzrm</a>	-0.1114	-0.5423
8780	happy new year of the ox! <a href="https://t.co/9wfkmyu2oj">https://t.co/9wfkmyu2oj</a>	-0.1114	0.5719
8781	@teslacn congratulations tesla china for amazing execution last year. now on to the next for even more!!	-0.1114	0.8271
8782	@gtera27 doge is underestimated	0.0252	0
8783	@joerogan @spotify great interview!	0.0252	0.6249
8784	@id_aa_carmack ray tracing on cyberpunk with hdr is next-level. have you tried it?	0.0252	0
8785	@kunalb11 i'm an alien	0.0252	0
8786	@ogenews1 @shaunstoffer disturbing concentration	-0.2911	0
8787	@mrotondimy @ogenews1 @shaunstoffer ~5%	-0.2911	0
8788	@rockstardenied @spacex spacex boca team is helping save the turtles	-0.2911	0.6597
8789	@brennanchant @spacex yeah. active fairing half recovered though.	-0.2911	0.5994
8790	@itsallrisky sounds like it is	-0.2911	0.3612
8791	@cz_binance @mansourshahrokh there will definitely be a marscoin!	-0.2911	0.4019
8792	@tesla covered in snow & ice, roads mostly closed & no power in austin	-0.2911	0
8793	@mattwallace888 @vladtenev @robinhoodapp you're right	0.0666	0
8794	@ercot_iso is not earning that r	0.0666	0
8795	@someone3201 @ercot_iso yes	-0.0466	0.4019
8796	@business tesla's action is not directly reflective of my opinion. having some bitcoin, which is simply a less dumb form of liquidity than cash, is adventurous enough for an s&p500 company.	-0.2253	-0.4601

8797	@business to be clear, i am "not" an investor, i am an engineer. i don't even own any publicly traded stock besides tesla.  however, when fiat currency has negative real interest, only a fool wouldn't look elsewhere.  bitcoin is almost as bs as fiat money. the key word is "almost".	-0.2253	-0.25
8798	@realfuckingnews @business somehow, a hash text file using ancient crypto can be exchanged for real goods & services!? amazing.	-0.2253	0.5859
8799	@yourlordthanos @waymo 💩 💩	-0.2253	0
8800	@nasa congratulations!!	-0.2253	0.5994
8801	just for a day	-0.2253	0
8802	i just want to start a flame in your heart	-0.5466	0.0772
8803	@archillect avocado toast	-0.5466	0
8804	@chicago_glen @archillect 💩 💩	-0.5466	0
8805	@peterschiff an email saying you have gold is not the same as having gold. you might as well have crypto.  money is just data that allows us to avoid the inconvenience of barter.  that data, like all data, is subject to latency & error. the system will evolve to that which minimizes both.	-0.5466	-0.4215
8806	@peterschiff that said, btc & eth do seem high lol	-0.5466	0.4215
8807	@redditspaceporn 💩 💩	-0.5466	0
8808	@dogecoin i just set up some little doge mining rigs with my kids. it was fun.	-0.5466	0.5106
8809	@wholemarsblog most people have no idea, even though there are so many iso progress videos posted. munro understood right away.  there will be a gap before the next release, but then it will be a step change better.  tesla is solving a major real-world ai problem.	-0.5466	0.6597
8810	@ppathole @dogecoin just some used antminer l3+ rigs bought off ebay. not really economic, but it was a fun family project.	-0.5466	0.5542
8811	@mit_csail machine learning is so amaze!	-0.5466	0
8812	heard a rumor some crypto coin was pegging the dollar 💩 💩	-0.5466	0
8813	or did they say pegged to the dollar? something like that ...	-0.5466	0.3612
8814	cryptocurrency explained <a href="https://t.co/kuxaxx8a1r">https://t.co/kuxaxx8a1r</a>	-0.5466	0
8815	@thebabylonbee why don't we have these already!?	-0.5466	0
8816	@rationaletienne 💩 💩	-0.5466	0
8817	@ppathole should we?	-0.5466	0
8818	@bocachicagal @nasaspaceflight good chance of flying this week!	-0.5466	0.5994
8819	dojo 4 doge	-0.5466	0
8820	hypernominalization	-0.5466	0
8821	of spaceflight	-0.5466	0
8822	@eugenelee3 @spacexfan97 most of earth by end of year, all by next year, then it's about densifying coverage.  important to note that cellular will always have the advantage in dense urban areas.  satellites are best for low to medium population density areas.	-0.5466	0.7096
8823	@teslaownerssv final design is looking 💩 was just in the studio	-0.5466	0
8824	@austinteslaclub the tesla solar roof is slightly hydrophobic, so water, snow or ice slide off easily	-0.5466	0.34
8825	@jgrano305 @austinteslaclub it is still available off menu, but i don't think the range, in many drive conditions, yet meets the tesla standard of excellence	-0.5466	0
8826	@adamklotz_ @austinteslaclub later this year	-0.5466	0
8827	@jantiewillie @adamklotz_ @austinteslaclub hopefully, later this year	-0.5466	0.4019
8828	@techamazing @univercurious tunnels!!	-0.5466	0
8829	@jgrano305 @austinteslaclub we have too much product complexity already	0.2834	0
8830	@ppathole super cool	0.2834	0.7351
8831	@peterschiff 💩	0.2834	0
8832	@mimimusics 💩 💩	0.2834	0
8833	excession	0.2834	0
8834	@ercxspace i hope we don't go bankrupt building them!	0.2834	-0.1779

8835	@askdrstupid just a surface detail	0.2834	0
8836	@erdayastronaut @ercxspace short-term, ch4 delivered & o2 produced. propellant is ~78% o2. long-term, sabatier reaction to convert co2 + h2o -> ch4 + o2 using wind & solar power.	0.1920	0.2732
8837	@thefavoritist @nasaspaceflight @bocachicagal one of the engines is suspect, so we're swapping it out	0.1920	-0.296
8838	@tobyliiiiiiii @erdayastronaut @ercxspace one of them may be in limited operation by end of year	0.1920	-0.2263
8839	@cleantechnica interesting	0.1920	0.4019
8840	@teslaownerssv @cleantechnica we're upgrading all nns to surround video, using subnets on focal areas (vs equal compute on all uncropped pixels) & many other things, so more time needed to write & validate software. maybe something next week.  this is evolving into solving a big part of physical world ai.	0.1920	0.34
8841	@hsueeugene @teslaownerssv @cleantechnica seems likely	0.1920	0
8842	@_kenh @tobyliiiiiiii @erdayastronaut @ercxspace they will fly there from our launch site.  stationed around the world.	0.1920	0
8843	@teslatino @teslaownerssv @cleantechnica many steps forward, some steps back. yes, we do a lot of qa before releasing a beta version.	0.1920	0.4019
8844	@flcnhv @hsueeugene @teslaownerssv @cleantechnica potentially	0.1920	0
8845	literally <a href="https://t.co/xbauqivsph">https://t.co/xbauqivsph</a>	0.1920	0
8846	on the actual moon	0.1920	0
8847	you might see much higher download speeds on starlink at times. testing system upgrades.	-0.5282	0
8848	@teslaownerssv probably mid year, but starlink is really meant for those who are least served. bay usually has great internet.	-0.5282	0.6249
8849	out on launch pad, engine swap underway <a href="https://t.co/qnxgtl90wn">https://t.co/qnxgtl90wn</a>	-0.5282	0
8850	@johnkrausphotos sounds like a good idea	-0.5282	0.6597
8851	starship to the moon <a href="https://t.co/tvmjbbk3bu">https://t.co/tvmjbbk3bu</a>	-0.5282	0
8852	i admit to judging books by their cover	-0.5282	0
8853	@gjgunit both	-0.5282	0
8854	not a meta4, i mean actual books	-0.5282	0
8855	@cleantechnica 3mm of full hard 301 or 304 stainless is bulletproof to a 9mm or .45	-0.5282	-0.1027
8856	@rjdlandscapes @tesla prices in the us (of all goods) don't include vat, but it's usually included in other countries.  then there's import duty & transport costs.  the intent is that revenue to tesla is roughly similar in all countries, so taxes, tariffs & transport make up the difference.	-0.5282	0
8857	@rationaletienne i hope they do! it would be awesome 🎉🎉	-0.3497	0.7906
8858	@skorusark this is not about winning anyone over. we are production-limited. the reason we are making our own cells is to *supplement* max production of suppliers. even moving at full speed, they cannot build enough cells.	-0.3497	0.3612
8859	@harsimranbansal @skorusark absolutely	-0.3497	0
8860	@rationaletienne @skorusark nickel is our biggest concern for scaling lithium-ion cell production. that's why we are shifting standard range cars to an iron cathode. plenty of iron (and lithium)!	-0.3497	0
8861	@chicago_glenn @rationaletienne @skorusark we will use a catapult & air mattresses to land on the roof, then base jump off	-0.3497	0
8862	👉 <a href="https://t.co/bbwntndvoi">https://t.co/bbwntndvoi</a>	-0.3497	0
8863	@konstructivizm hey babe 😊	-0.3497	0
8864	@konstructivizm nothing if not discreet	-0.3497	0
8865	@flcnhv <a href="https://t.co/vfq72xyaih">https://t.co/vfq72xyaih</a>	-0.3497	0
8866	@sharvenium @flcnhv 🎉🎉	-0.3497	0
8867	do androids dream of electric cars?	-0.3497	0
8868	<a href="https://t.co/jjep4pfr6m">https://t.co/jjep4pfr6m</a>	-0.3497	0
8869	@thesheetztweetz ahem ...	0.1826	0
8870	always wondered where exactly your gaming character keeps all the stuff <a href="https://t.co/nnk2mefgjf">https://t.co/nnk2mefgjf</a>	0.1826	0
8871	doge meme shield (legendary item) <a href="https://t.co/ceomu9q84c">https://t.co/ceomu9q84c</a>	0.1826	0
8872	@wholemarsblog tesla china team rocks!	-0.4150	0
8873	@totalspace360 looks familiar haha. nonetheless, the right move. congrats to rocket lab.	-0.4150	0.7506
8874	@wholemarsblog q2 for sure	-0.4150	0.3182
8875	@wholemarsblog note, buying fsd will still be a better long-term deal than subscription	-0.4150	0.4404
8876	@draecomino 2022: dogecoin is dumb	-0.4150	-0.5106
8877	horses are even self-driving! <a href="https://t.co/qpjrcfgs8j">https://t.co/qpjrcfgs8j</a>	-0.4150	0

8878	@teslaownerssv yup	-0.4150	0
8879	@pslavi cool	-0.4150	0.3182
8880	creating the city of starbase, texas	-0.4150	0.296
8881	@wootieztv very much so & its leader shall be the doge <a href="https://t.co/vxmuw5c0y9">https://t.co/vxmuw5c0y9</a>	-0.4587	0
8882	@nextspaceflight @nasaspaceflight an area much larger than boca chica	-0.4587	0
8883	from thence to mars, and hence the stars.	-0.4587	0
8884	@adamklotz_ @spacex space	-0.4587	0
8885	@ppathole there was still a surprisingly high usage of horses in 1940, but the trend was obvious	-0.4587	0.296
8886	@f9block5 @ppathole sounds about right, but we want to be very careful with this transition period	-0.4587	0.2263
8887	@djsnm indeed it was	-0.4587	0
8888	@labpadre @larry_in_canada first i've heard of this. we'll fix the situation. i'm a fan of @labpadre video!	-0.4587	0.3182
8889	@erdayastronaut @labpadre @larry_in_canada ok, let's figure this out tomorrow. i'm all for exciting video coverage, but we also can't have the place festooned with cameras.	-0.4587	0.6597
8890	@ppathole @erdayastronaut @labpadre @larry_in_canada good point	-0.4587	0.4404
8891	@labpadre @spacex you're welcome	-0.4587	0.4588
8892	@billhuang688 @f9block5 @ppathole fsd beta build v8.1 normally drives me around with no interventions. next version is a big step change beyond that. tesla is solving a major part of real-world ai. this is not widely known.	-0.4587	0.34
8893	@luvmymodel3 @billhuang688 @f9block5 @ppathole yes, beta will be offered much more widely when version 9 is done, hopefully next month	-0.4587	0.6597
8894	starship launch tomorrow. window opens at 9am.	-0.4587	0
8895	march 3rd	-0.4587	0
8896	5 mins to starship test flight attempt	-0.4587	0
8897	starship sn10 landed in one piece! <a href="https://t.co/lo4af47man">https://t.co/lo4af47man</a>	-0.4715	0
8898	@erdayastronaut @spacex rip sn10, honorable discharge	-0.4715	0
8899	@ppathole @spacex spacex team is doing great work! one day, the true measure of success will be that starship flights are commonplace.	-0.4715	0.891
8900	@jason cgi irl @spacex	-0.4715	0
8901	@skorusark tesla & ford are the only american carmakers not to have gone bankrupt out of 1000's of car startups. prototypes are easy, production is hard & being cash flow positive is excruciating.	-0.4190	0.3612
8902	@renatakonkoly @skorusark 🚗	-0.4190	0
8903	@wholemarsblog tesla ai, both hardware & software, is deeply underestimated	-0.4190	0
8904	cybergiants of mars	-0.4190	0
8905	sn10 is in valhalla now <a href="https://t.co/dhy4tdvgni">https://t.co/dhy4tdvgni</a>	-0.4190	0
8906	😂	-0.5424	0
8907	@jason or is this just fantasy?	-0.5424	0
8908	@timsweeneyepic was super fun tbh haha	-0.5424	0.8807
8909	@chicago_glenn @timsweeneyepic @trevormahlmann starhopper is an old timer who has seen a lot of things!	-0.5424	0
8910	if you want the tesla full self-driving beta downloaded to your car, let us know. doubling beta program size now with 8.2 & probably 10x size with 8.3. still be careful, but it's getting mature.	-0.5424	0.5719
8911	@ppathole @timsweeneyepic this was way past leg loads. they got squashed hard.	-0.5424	-0.1027
8912	@somepalegamer 🚗	-0.5424	0
8913	@wholemarsblog beta v8.3 has literally ~1000 improvements. will take time to qa internally before release probably in two or three weeks.	-0.5424	0.3182
8914	doge spelled backwards is egod	-0.5424	0
8915	due to high levels of demand for fsd beta, adding "download beta" button to service section of car display in ~10 days <a href="https://t.co/d6m3zimarg">https://t.co/d6m3zimarg</a>	-0.5424	-0.128
8916	availability varies by region due to regulatory approval delays and/or tesla internal development & testing.  note: word "beta" is used to reduce complacency in usage & set expectations appropriately. all software is first tested internally by tesla simulation & qa drive teams.	-0.5424	0.4767
8917	@larrykellogg @arctechinc the tesla fsd computer started shipping in volume in q2 2019. 2020 cars should all have fsd computers, whether or not ordered as an option.	-0.5424	0
8918	@arctechinc should be very soon. many subtle differences between us & canada roads, so harder than it seems.	-0.5424	0

8919	@westcoastbill the \$1400 is mostly good imo (ubi lite), as the people get to choose how the money is spent, but the rest is mostly net bad for the people as a whole (though it is obviously characterized otherwise).	-0.5424	-0.1531
8920	@garyblack00 update probably in q2. cybertruck will be built at giga texas, so focus right now is on getting that beast built.	-0.5424	0
8921	@engineers_feed ultimately, yes	-0.5424	0.4019
8922	carnot efficiency of the universe?	-0.5424	0.3612
8923	@wholemarsblog @klwttts haha true. yet, still, so much dignity is ascribed to horses!	-0.5424	0.8176
8924	@teslarati @klenderjoey still many fine details to address, but the final product will be fantastic. there's nothing else even close.	-0.5424	0.2023
8925	@harbles it's all hot air in the end haha	-0.5424	0.4588
8926	starbase, texas <a href="https://t.co/mt4ipqqmjf">https://t.co/mt4ipqqmjf</a>	-0.5424	0
8927	@thesheetztweetz not connecting tesla cars to starlink, as our terminal is much too big. this is for aircraft, ships, large trucks & rvs.	0.6481	0
8928	@wholemarsblog ... it until you make it	0.6481	0
8929	@wholemarsblog assuming user approves warning & agrees to drive carefully, it will download latest qa-tested fsd "beta" build as soon as car connects to wifi	0.6481	-0.2263
8930	@wholemarsblog build 8.3 of fsd should be done qa testing by end of next week, so that's roughly when download button should show up	0.6481	0
8931	@eurotechjunkie @alpsoy66 @wholemarsblog we will ask the regulators	0.6481	0
8932	@nasaspaceflight fair point. if autogenous pressurization had been used, ch4 bubbles would most likely have reverted to liquid.  helium in header was used to prevent ullage collapse from slosh, which happened in prior flight. my fault for approving. sounded good at the time.	0.6481	-0.1531
8933	@astro_soichi ❤ JP	-0.4270	0
8934	@ashleevance battery energy density is the key to electric aircraft. autonomy for aircraft could have been done a long time ago. modern airliners are very close to autonomous.	-0.4270	0.2732
8935	@tobyliiiiiiii @erdayastronaut @nasaspaceflight might just catch the ship with the launch tower, same as booster	-0.4270	0
8936	@erdayastronaut @tobyliiiiiiii @nasaspaceflight yeah, we talked about that internally. could just have it land on a big net or bouncy castle. lacks dignity, but would work. but, optimized landing propellant is only ~5% of dry mass, so it's not a gamechanger.	-0.4270	0.7845
8937	@ppathole i was just up there. elevator on the other side. floor is in, glass coming soon.	-0.4270	0
8938	@wholemarsblog @herbert_diess fuel cells should be called fool sells! such a silly choice for cars. not great even for a rocket upper stage imo, but at least not absurd.	-0.1027	0.3182
8939	@arstechnica @sciguysspace falcon 9 is almost always at max capacity. when it has "spare" performance, it flies back to land, which costs much less than using a dronestrip.  our fundamental constraint is mass to orbit per unit time. last year, spacex launched roughly double payload mass of rest of world.	-0.1027	0.128
8940	@tezlamick @arstechnica @sciguysspace yes	-0.1027	0.4019
8941	@ppathole @arstechnica @sciguysspace if 2021 manifest is met, spacex will do ~75% of total earth payload to orbit with falcon.  a single starship is designed to do in a day what all rockets on earth currently do in a year.  even so, ~1000 starships will take ~20 years to build a self-sustaining city on mars.	-0.1027	0
8942	@wholemarsblog like @cyberpunkgame, but *with* self-driving haha	-0.1027	0.6705
8943	@_shameless_plug @falcon9block5 @bluemondance74 @arstechnica @sciguysspace .@boredelonmusk	-0.1027	0
8944	@draperyounc wow!	-0.1027	0.5859
8945	@trevormahlmann @spacepadreisie celebrating a year of great work by the spacex team!	-0.1027	0.6249
8946	@ercxspace @spacex @nasaspaceflight @erdayastronaut transparent aluminum (alon) might be cool	-0.1027	0.3182
8947	@tesla_adri @28delayslater @trevormahlmann @spacepadreisie dieses jahr	-0.1027	0
8948	@thejackbeyer @nasaspaceflight green flame in this context means engine is burning internal components made of copper. this is usually followed by a rud (rapid unscheduled disassembly).	0.1433	0
8949	btc (bitcoin) is an anagram of tbc(the boring company) what a coincidence!	0.1433	-0.3182
8950	@pflodin @doctorkarl absolutely	0.0350	0

8951	tsd beta has now been expanded to ~2000 owners & we've also revoked beta where drivers did not pay sufficient attention to the road. no accidents to date.  next significant release will be in april. going with pure vision — not even using radar. this is the way to real-world ai.		
8952	@ashleevance for sure wise for elderly or immunocompromised to take the vaccine. some debate about the second jab though. quite a few negative reactions to that.	0.0350	0.1045
8953	@tslagang @spinelessmoder1 yes	0.0350	0.4019
8954	@itsallrisky yes!	0.0350	0.4019
8955	>this magic moment	0.0350	0
8956	woketopia. battle for the moral high ground in this new game!	0.0350	-0.3818
8957	doge day afternoon	0.0350	0
8958	origin of doge day afternoon:  the ancient romans sacrificed a dogecoin at the beginning of the doge days to appease the rage of sirius, believing that the star was the cause of the hot, sultry weather.	0.0350	-0.5574
8959	why are you so dogematic, they ask	0.0350	0
8960	homo sapiens techno:  loves raves & technology	0.0350	0.5719
8961	@justpaulinelol ja	0.0350	0
8962	i'm getting a shiba inu #resistanceisfutile	0.0350	0
8963	@wholemarsblog it sees in all directions simultaneously	0.0350	0
8964	falcon flies for the 9th time tonight	0.0350	0
8965	@wholemarsblog what has become absolutely clear is that the plethora of self-driving corner cases can only be solved with real-world optical intelligence. this is how humans designed the road system to work.  once you have that in silicon form, everything else is just icing on the cake.	0.0350	0.796
8966	@leastimalive @itsallrisky @vladtenev this is an opportunity for rh to outdo cb!	0.0350	0.4215
8967	a puckish rogue <a href="https://t.co/98q8bct68q">https://t.co/98q8bct68q</a>	0.0350	0
8968	@spacex fly my pretties, fly ...	0.0350	0
8969	@_____amir_____ @spacex we will support as best we can	0.0350	0.7845
8970	play your favorite song in a tesla & turn the volume to 11  you will see. you will feel.	0.0350	0.6597
8971	this is good <a href="https://t.co/8katmh2bjx">https://t.co/8katmh2bjx</a>	0.0350	0.4404
8972	i love music. it makes my heart sing.	0.0350	0.6369
8973	@sciguyspace spacex did 2x rest of world payload to orbit last year, probably 3x to 4x this year	0.0350	0
8974	@tesmanian_com yes	0.0350	0.4019
8975	i'm selling this song about nfts as an nft <a href="https://t.co/b4ezllespx">https://t.co/b4ezllespx</a>	0.0350	0
8976	@beeple 420m doge	-0.3681	0
8977	actually, doesn't feel quite right selling this. will pass.	0.3743	0
8978	@erdayastronaut @spacex cgi irl	0.3743	0
8979	sn11 almost ready to fly <a href="https://t.co/fxmjjzoikk">https://t.co/fxmjjzoikk</a>	0.3743	0.2975
8980	@rjdlandscapes @erdayastronaut @spacex that's our goal	0.3743	0
8981	aspirationally acerbic alliteration -&gt; bullshit baffles brains	-0.4231	0.2732
8982	the simulation really struggled to make this look real haha <a href="https://t.co/t8zvftruhu">https://t.co/t8zvftruhu</a>	-0.4231	0.4588
8983	@lexfridman haha	-0.0151	0.4588
8984	@lexfridman sometimes it's about doge	-0.0151	0
8985	first super heavy booster <a href="https://t.co/0k5qpsebbt">https://t.co/0k5qpsebbt</a>	-0.0151	0.5994
8986	@erdayastronaut yes, booster 1 is a production pathfinder, figuring out how to build & transport 70 meter tall stage. booster 2 will fly.	-0.0151	0.4019
8987	@thejackbeyer @nasaspaceflight the high bay is measured to fit!	-0.0151	0.3612
8988	@melaniemadri @thejackbeyer @nasaspaceflight floor is installed, elevator is operational, waiting on glass	-0.0151	0
8989	<a href="https://t.co/ngk8sjvduw">https://t.co/ngk8sjvduw</a>	-0.0151	0
8990	@teslaownerssv 	-0.0151	0
8991	@jordanbpeterson what would you like to talk about?	-0.0151	0.3612
8992	@remouherek @sciguyspace as you can see, i have a long history with using tents!	-0.0151	0
8993	@momobutfaster 	-0.0151	0
8994	@vinternix @bell coming soon!	-0.0151	0
8995	@rationaletienne @jordanbpeterson we could talk about life, the universe and everything	-0.0151	0

8996	@marcushouse the [ahem] reach-around	-0.0151	0.0258
8997	@teslarati преступленія і наказання	-0.2539	0
8998	@spacexvision an orbital propellant depot optimized for cryogenic storage probably makes sense long-term	-0.2539	0.4588
8999	@wholemarsblog given significant architectural changes, including fundamental improvements to pure vision, there is limited value to testing 8.x. hoping to upload v9.0 & button next month.	-0.2539	0.8126
9000	music in zero gravity <a href="https://t.co/bepfmipjre">https://t.co/bepfmipjre</a>	-0.2539	0
9001	@thebabylonbee 🎵	-0.2539	0
9002	@owensparks_i actually ate the sandwich haha!	-0.2539	0.4588
9003	@erdayastronaut @twitter @twittercomms @verified @jack sigh	-0.2539	0.0258
9004	@teslaphx @codingmark @evafoxu @jrosinski97 @daelmor @piangfa @kristennetten @jessica_kirsh @jc_finance @jeremyjudkins !	-0.2539	0
9005	@trungtphan wow, hard to believe that was 17 years ago!	-0.2539	0.5267
9006	@ppathole this is important	-0.2539	0.2023
9007	@sciguysspace not quite how i would tell the story, but it's probably worth a read	-0.2539	0.2263
9008	@atomicsastro @ppathole yeah, but i'm english	-0.2539	0.296
9009	@johnkrausphotos 🎵	-0.2539	0
9010	@swaggerheim @sciguysspace not trying to roast, just being as literal as possible	-0.2539	0
9011	@cathedwood when vast amounts of manufacturing are needed, as in robotaxis, this slows down rate of introduction, so maybe more like winner-takes-a-quarter. still great.	-0.2539	0.765
9012	@newscientist true	-0.2539	0.4215
9013	@bluemondance74 @nasaspaceflight going well. lot of work for an extra 20 secs of isp!	-0.2539	0.2732
9014	@themarsociety spacex is developing rockets needed to make life multiplanetary — full & rapid reusability at large scale. even if spacex fails in that goal, the rockets will still be most advanced on earth.  starlink's purpose is to provide internet to the least served & to pay for mars.		-0.2457 -0.296
9015	@arstechnica @sciguysspace they are aiming too low.  only rockets that are fully & rapidly reusable will be competitive.  everything else will seem like a cloth biplane in the age of jets.		-0.2457 0.2732
9016	@lexfridman @andrewyang !	-0.2457	0
9017	strongest argument against aliens <a href="https://t.co/ef2ffzpjqe">https://t.co/ef2ffzpjqe</a>	-0.2457	-0.3612
9018	@renatakonkoly he was great on many levels <a href="https://t.co/exrz1g9rpk">https://t.co/exrz1g9rpk</a>	-0.2457	0.6249
9019	@flcnhv @arstechnica @sciguysspace spacex will be landing starships on mars well before 2030. the really hard threshold is making mars base alpha self-sustaining.	-0.2457	0.1045
9020	@bindureddy you can basically learn anything on youtube/reddit	-0.4992	0
9021	@bindureddy and books haha	-0.4992	0.4588
9022	you can now buy a tesla with bitcoin	-0.4992	0
9023	tesla is using only internal & open source software & operates bitcoin nodes directly.  bitcoin paid to tesla will be retained as bitcoin, not converted to fiat currency.		-0.4992 0
9024	pay by bitcoin capability available outside us later this year	-0.4992	-0.1027
9025	@lexfridman 🙃	-0.4992	0
9026	@evafoxu wow, shame on zdf info!	-0.4992	0.5859
9027	@blockfolio 🎵	0.2081	0
9028	@dogecoinww @mattwallace888 @corinnakopf you raise a good point haha	0.2081	0.7096
9029	@kimdotcom fair point	0.2081	0.3182
9030	mars rover looking back <a href="https://t.co/oafocezruu">https://t.co/oafocezruu</a>	0.2081	0
9031	@itsallrisky @kimdotcom 💀	0.2081	0
9032	don't defy defi	0.2081	0
9033	@universal_sci this comment thread is 🎵	0.2081	0
9034	if there's ever a scandal about me, *please* call it elongate	0.2081	0.3182
9035	@jubanmohamed there will be no handles	0.2081	0
9036	@howipolitically @theonion 1/2  this article is false.  - i arrived by myself in canada in '89 with ~ca\$2500 - paid my own way through college, ending with ~\$100k student debt - started 1st company with no funding & just one computer i built - there's no evidence whatsoever of an "emerald mine"		-0.3573 -0.3612

9037	@howlpolitically @theonion 2/2 my father & his extended family have been dependent on financial support from my brother & me for over 20 years.  this article is actually accurate: <a href="https://t.co/evpcx9v1nb">https://t.co/evpcx9v1nb</a>	-0.3573	0.4019
9038	@theonion shame on you, onion. this is why people are switching to @thebabylonbee!	-0.3573	0
9039	@spacexmr 🚀🚀	-0.3573	0
9040	@cleantechnica solar has come a long way. now just needs lots of long-life batteries!	-0.3573	0
9041	@spacexmr heavy comes in more like a javelin. similar to falcon 9, but caught by the tower vs landing on legs.	-0.3573	0.3612
9042	@adamsinger haha	-0.3573	0.4588
9043	@waitbutwhy great video	-0.1541	0.6249
9044	@icannot_enough @waitbutwhy we are too cell-constrained right now, but probably ok next year	-0.1541	0.2023
9045	@rationaletienne @twittersupport @jack this appears to be widespread. i wonder who is doing it ...	-0.1541	0
9046	check out our new crane <a href="https://t.co/pe4vl6ukcb">https://t.co/pe4vl6ukcb</a>	-0.1541	0
9047	@astrojordy haha actually true	-0.1541	0.7003
9048	@cleantechnica this is crazy. should use tesla megapacks for load-leveling the grid. more effective, more reliable and costs less.	-0.1541	0.1779
9049	@summerlinark it's not really possible to match the human brain in 2021 for any amount of money imo, but it will be possible probably in a few years	-0.1541	0
9050	@summerlinark sounds about right	-0.1541	0
9051	@summerlinark i wanna know when ai will be able to do standup comedy well!?	-0.1541	0.5574
9052	@summerlinark we should be laughing our asses off if it's so damn smart!	-0.1541	0.4939
9053	wholesome memes <a href="https://t.co/u5tkhjua8q">https://t.co/u5tkhjua8q</a>	-0.1541	0
9054	@nbcnsnl nice	-0.1541	0.4215
9055	@chitagranger @frost_367 who is 🎭	-0.1541	0
9056	@ppathole @nbcnsnl trying	-0.1541	0
9057	possible starship flight tomorrow afternoon	-0.1541	0
9058	faa inspector unable to reach starbase in time for launch today. postponed to no earlier than tomorrow.	-0.1541	-0.1779
9059	@wapodavenvport that would be great, or possibly via video with full access to telemetry	0.2893	0.6249
9060	@erdayastronaut tracking to a potential 8am liftoff	0.2893	0
9061	@tesmanian_com demand is no problem, but near-term cell supply makes it hard to scale semi. this limitation will be less onerous next year.	0.2893	-0.5574
9062	@spacex a high production rate solves many ills	0.2893	0.2732
9063	@spacex at least the crater is in the right place!	0.2893	0
9064	@spacex looks like engine 2 had issues on ascent & didn't reach operating chamber pressure during landing burn, but, in theory, it wasn't needed.  something significant happened shortly after landing burn start. should know what it was once we can examine the bits later today.	0.2893	0.296
9065	@adamklotz_ @spacex sn15 rolls to launch pad in a few days. it has hundreds of design improvements across structures, avionics/software & engine.  hopefully, one of those improvements covers this problem. if not, then retrofit will add a few more days.	0.2893	0.5574
9066	@adamklotz_ @spacex next major technology rev is at sn20. those ships will be orbit-capable with heat shield & stage separation system. ascent success probability is high.  however, sn20+ vehicles will probably need many flight attempts to survive mach 25 entry heating & land intact.	0.2893	0.7964
9067	@codingmark @adamklotz_ @spacex more like v10.0	0.2893	0.3612
9068	please consider moving to starbase or greater brownsville/south padre area in texas & encourage friends to do so!  spacex's hiring needs for engineers, technicians, builders & essential support personnel of all kinds are growing rapidly.	0.2893	0.9274
9069	@adamklotz_ @spacex bn1 is a manufacturing pathfinder, so will be scrapped. we learned a lot, but have already changed design to bn2.  goal is to get bn2 with engines on orbital pad before end of april. it might even be orbit-capable if we are lucky.	0.2893	0.6597
9070	probably most "in space" you could possibly feel by being in a glass dome <a href="https://t.co/soaizxvggx">https://t.co/soaizxvggx</a>	0.2893	0

9071	@owensparks_ agreed! we're not super far, as magic valley utility can give us almost all wind-power, which will be used for lox (78% of propellant mass)/n2/argon distillation. we're also aiming to increase solar power from 1mw to 10mw, paired with tesla megapacks, for continuous power.	0.2893	0.8074
9072	@owensparks_ i sure hope so!	0.2893	0.6369
9073	starbase will grow by several thousand people over the next year or two	0.2893	0
9074	@erdayastronaut @labpadre barely a scratch. :) back on the stand soon! will report conclusions as soon as we know them.	0.1260	0
9075	@jdeshetler @nasaspaceflight @spacex @bocachicagal can be a little foggy sometimes :)	0.1260	0
9076	over 10,000 people are needed for giga texas just through 2022! - 5 mins from airport -15 mins from downtown - right on colorado river <a href="https://t.co/w454ixedxb">https://t.co/w454ixedxb</a>	0.1260	0
9077	@lexfridman true	-0.3754	0.4215
9078	@waitbutwhy !!	-0.3754	0
9079	nicheman — his superpower is appealing to small audiences	-0.3754	0
9080	spacex is going to put a literal dogecoin on the literal moon	-0.3754	0
9081	@trungtphan had no money to invest in zip2, but my founder equity yielded ~\$15m after tax. of that, i rolled ~\$10m into paypal, which yielded ~\$180m, then ...  basic principle is that i would not ask investors to risk money on my company if i would not also do so.	-0.2695	-0.2732
9082	me in my sick new car (left him the money) <a href="https://t.co/egay1fvfhm">https://t.co/egay1fvfhm</a>	-0.2695	-0.5106
9083	@gerberkawasaki i fried a lot of neurons on that problem!	-0.2695	-0.4019
9084	@allrocketsboi true	-0.2695	0.4215
9085	no it doesn't hurt at all 💔 <a href="https://t.co/nnl6o1si0v">https://t.co/nnl6o1si0v</a>	-0.2695	-0.5267
9086	austin++	-0.2695	0
9087	urgent need to build more housing in greater austin area!	-0.2695	0.3612
9088	@katlinegrey this a good path, but i recommend aiming for full reusability	-0.2695	0.6597
9089	@ppathole @katlinegrey for practical purposes, there is no limit. it will just get increasingly difficult to service.	-0.2695	-0.3612
9090	@tobyliiiiiiii @katlinegrey i recommend propulsive landing, as that is extensible to planets, moons & asteroids. wings & runways are limited to earth.	-0.2695	0.1531
9091	@hamblinzeke @katlinegrey haha falcon? nein!	-0.2695	0.4588
9092	@floko12022021 @hamblinzeke @katlinegrey ich habe ein semester deutsch an der universität studiert usw	-0.2695	0
9093	@terminalcount one of the greatest things i've ever seen	-0.2695	0.6369
9094	@terminalcount the starships feast in valhalla!	-0.2695	0
9095	godzilla vs kong is so amaze much wow! most insane movie i've ever seen! love letter to conspiracy theorists! and yet heartwarming in the end.	-0.2695	0.4404
9096	@spacex360 ascent phase, transition to horizontal & control during free fall were good.  a (relatively) small ch4 leak led to fire on engine 2 & fried part of avionics, causing hard start attempting landing burn in ch4 turbopump.  this is getting fixed 6 ways to sunday.	-0.2695	0.25
9097	@evafoxu last kingdom vs vikings	-0.2695	0
9098	@evafoxu those two really could have come in handy for the stuck ship!	-0.2695	-0.3102
9099	the earth is not flat, it's a hollow globe & donkey king lives there!	-0.2695	0
9100	@evafoxu nice	-0.2695	0.4215
9101	@teslarati @residentsponge great work by tesla team!	-0.2695	0.6249
9102	@shbz obv	-0.2695	0
9103	@teslarati @residentsponge special mention of tesla china	-0.2695	0.4019
9104	@id_aa_carmack some kind of elo level, updated once or twice a year based on what someone actually got done, might be most effective. important that it go both up *and* down.	-0.0913	0.8074
9105	"tanks for the memery!" – panzer of the lake	-0.0913	0
9106	@louisssdev @flcnhy coming soon. crazy number of launches this year!	-0.2680	-0.2732
9107	@ppathole starship booster, largest flying object ever designed, will be caught out of sky by launch tower. big step forward, as reflight can be done in under an hour.	-0.2680	0

9108	@_jevis_ @ppathole ideal scenario imo is catching starship in horizontal "glide" with no landing burn, although that is quite a challenge for the tower! next best is catching with tower, with emergency pad landing mode on skirt (no legs).	-0.2680	0.7645
9109	@julius_burton @erdayastronaut @djsnm @nasaspaceflight @chrис_g_nsf @thejackbeyer @felixschlang nice	-0.2680	0.4215
9110	@sciguysspace global payload to orbit is the key metric	-0.2680	0
9111	to be clear, i do support vaccines in general & covid vaccines specifically. the science is unequivocal.  in very rare cases, there is an allergic reaction, but this is easily addressed with an epipen.	-0.2680	0.7717
9112	@ivanescobosa latter	-0.2680	0
9113	@jgrano305 probably j&j, but biontech & moderna are good too. some debate imo as to whether a second synthetic mrna shot is really needed, but the first is a no-brainer.	-0.2680	0.4404
9114	@markjam93765764 @ivanescobosa a tidal wave of vaccine is being produced!	-0.2680	0
9115	thanks tesla suppliers for providing us with critical parts!	-0.0383	0.1531
9116	@watcherstank @spacex just one skyscraper catching another nbd haha	-0.0383	0.4588
9117	@jordanxmajel @watcherstank @spacex load points just below the grid fins	-0.0383	0
9118	@jordanxmajel @watcherstank @spacex shock absorption is built into tower arms. since tower is ground side, it can use a lot more mass to arrest booster downward momentum.	-0.0383	-0.3818
9119	@dogeofficialceo @watcherstank @spacex looking at pups soon!	-0.0383	0
9120	monkey plays pong with his mind <a href="https://t.co/35nifm4c7t">https://t.co/35nifm4c7t</a>	-0.1124	0.25
9121	@tobyliiiiiiiii sure	-0.1124	0.3182
9122	@ihearttesla @neuralink hopefully, later this year	-0.1124	0.4019
9123	first @neuralink product will enable someone with paralysis to use a smartphone with their mind faster than someone using thumbs	-0.1124	0
9124	later versions will be able to shunt signals from neuralinks in brain to neuralinks in body motor/sensory neuron clusters, thus enabling, for example, paraplegics to walk again	-0.1124	0
9125	@ihearttesla absolutely doable. possibly as soon as neuralink device version 2, highly likely by version 3.	-0.1124	0
9126	the device is implanted flush with skull & charges wirelessly, so you look & feel totally normal	-0.1124	-0.2732
9127	@lexfridman @neuralink yes	-0.1124	0.4019
9128	a monkey is literally playing a video game telepathically using a brain chip!!	-0.1124	0.2023
9129	@tarekwaked @techcrunch @etherington pretty much 🎉🎉 great episode!	-0.1124	0.8074
9130	@kyler_knoll @neuralink comes with wireless charging baseball cap	-0.1124	0
9131	@thenewsoncnbc @contessabrewer good piece!	-0.1124	0.4404
9132	<a href="https://t.co/xeqqrszpvq">https://t.co/xeqqrszpvq</a>	-0.1124	0
9133	@mikevanbus @trungtphan @neuralink pretty much	-0.1124	0.4939
9134	@teslagong yeah	-0.1124	0.296
9135	just read it. book is accurate. <a href="https://t.co/3bi9vw8ip1">https://t.co/3bi9vw8ip1</a>	-0.1124	0
9136	thanks to all that helped spacex!	-0.1124	0.4404
9137	@wholemarsblog almost ready with fsd beta v9.0. step change improvement is massive, especially for weird corner cases & bad weather. pure vision, no radar.	-0.1124	0.1813
9138	@cleantechica congrats to nio. that is a tough milestone.	-0.1124	0.4404
9139	@w00ki33 @spacex @superclusterhq simulation is improving rendering resolution ...	-0.1124	0.4215
9140	@owensparks_ @wholemarsblog remove	-0.1124	0
9141	@owensparks_ @wholemarsblog it will	-0.1124	0
9142	@chicago_glennc i feel like this sometimes	0.0615	0.3612
9143	it's all about the cufflinks <a href="https://t.co/elccqc0zuf">https://t.co/elccqc0zuf</a>	0.0615	0
9144	@adamklotz_ @owensparks_ @wholemarsblog yup	0.0615	0
9145	@austinteslaclub @owensparks_ @wholemarsblog good point.  next major software rev will do much better with automating wipers, seat heating & defrost.  probable seat settings just based on occupant mass distribution should be possible.	0.0615	0.7003
9146	where is shrek 5!? <a href="https://t.co/pqaz5mg8es">https://t.co/pqaz5mg8es</a>	0.0615	0
9147	@memescryptor !	0.0615	0
9148	@timbirks1 @erdayastronaut @spacex pretty much	0.0615	0.4939
9149	@matsu_kusarine @jagarikin actually happened to me in cyberpunk haha	0.0615	0.4588
9150	... going to moon very soon	0.0615	0
9151	@itsallrisky 💯	0.0615	0
9152	kong vs godzilla has record for most meth ever consumed in a writer's room	0.0615	0
9153	but wait how is the core of the earth lit by the sun? stop asking questions!!	0.0615	-0.296

9154	the starship launch tower that catches the giant rocket booster is basically mechazilla	0.0615	0
9155	just needs some legs	0.0615	0
9156	@wholemarsblog when radar and vision disagree, which one do you believe? vision has much more precision, so better to double down on vision than do sensor fusion.	0.0615	0.6486
9157	@wholemarsblog sensors are a bitstream and cameras have several orders of magnitude more bits/sec than radar (or lidar).  radar must meaningfully increase signal/noise of bitstream to be worth complexity of integrating it.  as vision processing gets better, it just leaves radar far behind.	0.0615	0.7964
9158	@tesla_adri @wholemarsblog these things are best thought of as probabilities. there are 5 forward-facing cameras. it is highly likely that at least one of them will see multiple cars ahead.	0.0615	0.6369
9159	@alexellisuk pretty much	0.0615	0.4939
9160	@drphiltill good thread	0.0615	0.4404
9161	@engineers_feed due to lower gravity, you can travel from surface of mars to surface of earth fairly easily with a single stage rocket. earth to mars is vastly harder.	0.0615	0.0516
9162	blimps rock <a href="https://t.co/e8cu5fknoi">https://t.co/e8cu5fknoi</a>	0.0615	0
9163	@deltavphotos @portcanaveral that rocket is a hardcore veteran of many missions	0.0615	0
9164	@wholemarsblog if you don't say anything & engage autopilot, it will soon guess based on time of day, taking you home or to work or to what's on your calendar	0.0615	0.34
9165	@seinfeldguru @wholemarsblog nope haha	0.0615	-0.357
9166	@itsallrisky 🚨🚨	0.0615	0
9167	the art in cyberpunk is incredible	0.0615	0
9168	@agnostoxxx @cathiedwood @arkinvest trust the shrub	0.0615	0.5106
9169	love this beautiful shot	0.0615	0.8442
9170	@vincent13031925 for now. costs are decreasing rapidly.	0.0615	0
9171	@erdayastronaut @tesla tesla is building up collision repair capability to help address the grief that you went through, but usually insurance companies make you go their "approved" collision repair partners. tesla insurance will make it smooth sailing.	0.3827	-0.4019
9172	@erdayastronaut @tesla absolutely	-0.4541	0
9173	@ppathole @spacex @tesla true. ancient times ... had to flip cpu registers explicitly, as computer was so slow.	-0.4541	0.4215
9174	@ppathole @spacex @tesla that was my night job. day job was working on ruthenium-tantalum ultracapacitors at pinnacle research.	-0.4541	0
9175	@eugenelee3 @ppathole @spacex @tesla yeah, not scalable. my grad student idea was to try to use advanced chip making equipment to create high energy density capacitors accurate to molecular level.	-0.4541	0.7506
9176	@astrojordy @ppathole @spacex @tesla that version of falcon 1 never flew, so must be ~2004. the cad looks so simple! i think we were still using solidworks back then.	-0.4541	0
9177	@ppathole @swiftonsecurity getting there	-0.4541	0
9178	@ashleevance maybe it's about how you use it	-0.4541	0
9179	@ercxspace @spacex 69th raptor engine coming soon	-0.4541	0
9180	tesla ai/autopilot engineering is awesome! making excellent progress solving real-world ai.	-0.1447	0.9186
9181	@melaniemadri probably late july	-0.1447	0
9182	@jrosinski97 will investigate	-0.1447	0
9183	@f9block5 major improvements are being made to the vision stack every week. beta button hopefully next month.  this is a "march of 9's" trying to get probability of no injury above 99.999999% of miles for city driving. production autopilot is already above that for highway driving.	-0.1447	0.4939
9184	@blkmdl3 @f9block5 same timing	-0.1447	0
9185	@dogeofficialceo @f9block5 🚨🚨	-0.1447	0
9186	@cliffski @f9block5 hopefully addressed this summer	-0.1447	0.4019
9187	@wholemarsblog button timing of may is aspirational. depends on how well limited beta of v9.0 goes, but i would be surprised if wide beta (aka button) is later than june. fsd subscription next month is a sure thing.	-0.1447	0.5267
9188	@astrojordy @dogeofficialceo @f9block5 insanely cute!	-0.1447	0.4588
9189	@teslarati i found some footage of the drive <a href="https://t.co/txelqo9spr">https://t.co/txelqo9spr</a>	-0.1447	0
9190	@austinteslaclub @tslacc @teslaquadcities @teslaownersvn @sjvtelsa @teslaownersebay @codingmark @billhuang688 @gailalfa1 @tesla 🚨	-0.1447	0
9191	@andyweedman @karpathy @dirtytesla stop ... in the name of love! <a href="https://t.co/kbsti5jz16">https://t.co/kbsti5jz16</a>	-0.1447	0.4588
9192	@janixos @ercxspace @spacex actually, yes. and red rocket truck stop.	-0.1447	0.128
9193	@spacexmr soon it will be real	-0.1447	0

9194	⌚		-0.1447	0
9195	le petit prince		-0.1447	0
9196	@rationaletienne @f9block5 while perhaps obvious in hindsight, it turns out that the only way to solve self-driving is to solve a big part of real-world ai. that is what tesla is doing, both in hardware & software.  unless a company is good at ai with tight compute, it's hopeless. this is insanely hard.		-0.1447	0.6249
9197	@wsbchairman doge barking at the moon – miro https://t.co/1vtm2xousy		-0.1447	0
9198	doge barking at the moon https://t.co/qfb81d7zol		-0.1447	0
9199	@billhuang688 @rationaletienne @f9block5 certainly one of the largest. a company whose name rhymes with shmoogle is pretty far ahead.  but i think we're the leader in shallow-minded ai haha!		-0.1447	0.8225
9200	@austinbarnard45 aiming to launch next week		-0.1447	0
9201	@lexfridman one of many reasons that we need to make life multiplanetary!		-0.1447	0
9202	@sadiaslayy @dogecoinbets 😊		0.0023	0
9203	@thesheetztweetz this is accurate. service uptime, bandwidth & latency are improving rapidly. probably out of beta this summer.		0.0023	0.4215
9204	@erdayastronaut @thesheetztweetz yeah, should be fully mobile later this year, so you can move it anywhere or use it on an rv or truck in motion. we need a few more satellite launches to achieve compete coverage & some key software upgrades.		0.0023	0.296
9205	make life multiplanetary! #mars		0.0023	0
9206	@model3owners i was just there, driving cybertruck around the site where it will be built!		0.0023	0
9207	@model3owners limited production of model y this year, high volume next year		0.0023	-0.2263
9208	@model3owners same with berlin		0.0023	0
9209	🎸🎸 austin rocks!! 🎸🎸		0.0023	0
9210	🚀		0.0023	0
9211	🚀❤️🚀 nasa rules!! 🚀❤️🚀 https://t.co/hmegx2pez6		-0.1530	0
9212	we are honored to be part of the @nasaartemis team		-0.1530	0.5859
9213	@neuralink @shivon great review! neuralink is open to working with neuroscientists to advance the field.  short-term goal is addressing brain & spine problems.  ultimate goal is symbiosis of human & machine intelligence.		-0.1530	0.6705
9214	if we make life multiplanetary, there may come a day when some plants & animals die out on earth, but are still alive on mars		-0.1530	-0.3182
9215	@whatsupfranks great progress by tesla team		-0.1530	0.7845
9216	tesla with autopilot engaged now approaching 10 times lower chance of accident than average vehicle https://t.co/6lgy52wvhc		-0.1530	-0.5106
9217	@wholemarsblog essentially, passive autopilot (car intervenes only when crash probability is high) cuts crashes in half.  active autopilot (car is driving itself) cuts crashes in half again.  doesn't mean there are no crashes, but, on balance, autopilot is unequivocally safer.		-0.1530	0.0516
9218	@flcnhv 🚀🚀		-0.1530	0
9219	@teslaownerssv @spacex @nasa @considercosmos support for humanity's future in space is super appreciated. let's make the sci-fi future we want real!		-0.1530	0.8807
9220	@amart15416132 @wsj your research as a private individual is better than professionals @wsj!  data logs recovered so far show autopilot was not enabled & this car did not purchase fsd.  moreover, standard autopilot would require lane lines to turn on, which this street did not have.		-0.0894	0.4404
9221	@nasa awesome!		-0.0894	0.6249
9222	@wholemarsblog exactly		-0.0894	0
9223	@gerberkawasaki 🚀		-0.0894	0
9224	@renatakonkoly @gerberkawasaki hell of a coincidence haha		-0.0894	-0.3818
9225	@kimpaquette nhtsa is great		-0.0894	0.6249
9226	@kimpaquette new fsd rendering approach coming that better represents nn probability vector space		-0.0894	0.4404
9227	@johnnacrider1 !!		-0.0894	0

9228	@liv_boeree @thebabylonbee haha true	-0.0894	0.7003
9229	@ppathole @tesla @spacex i could get a job, just not at an internet company (weren't many back then)	0.2862	0
9230	@teslaownerssv cgi irl!	0.2862	0
9231	@teslany sandy munro knows what he's talking about	0.2862	0
9232	@wintonark did you buy a powerwall? utility permission is required for flowing electricity back to grid, but usually not if stored in our battery. this also enables 24/7 electricity security for your home.  utility permission is still needed for when powerwall is full & can stabilize grid.	-0.3106	0.34
9233	starting next week, tesla solar panels & solar roof will only be sold as an integrated product *with* tesla powerwall battery	-0.3106	0
9234	solar power will feed exclusively to powerwall. powerwall will interface only between utility meter & house main breaker panel, enabling super simple install & seamless whole house backup during utility dropouts.	-0.3106	0.5994
9235	powerwall 2 peak & steady power capability is better than advertised.  now that we have lots of operational data, tesla can unlock higher capabilities for free via software update next month.  depending on production date, power increase power may be >50% at 30c ambient temp.	-0.3106	0.8625
9236	@annerajb newest units can probably do as much as 10kw continuous & double that in peak power at 30c ambient temp.  in house power vernacular, this translates to ~80lra (soft start of 3.5 ton hvac). two powerwalls would double this, three would triple, etc.	-0.3106	0
9237	@valaafshar very important. most people don't know this. wind is also super cheap, especially when paired with batteries.	-0.3106	0.6908
9238	@jack true	-0.3106	0.4215
9239	tesla solar + powerwall battery enables consumers to be their own utility	-0.3106	0
9240	@johnnacrider1 @wholemarsblog if tesla owners are "conspiracy theorists", then it would be fair to call them "advertising salespeople masquerading as truthtellers".  if that's an unfair criticism, a simple rebuttal would be to show their articles per fatality for all automakers. tesla is ~0.02% of deaths ...	-0.3106	-0.8591
9241	@owensparks_ @astrojordy @neuralink 🌎	-0.3106	0
9242	@28delayslater does seem a little weird	-0.3106	-0.1045
9243	@astrojordy i'm staying at a friend's place in florida that is 85% powered by tesla solar roof + powerwall.  when grid power goes down, air-conditioning automatically turns off in some of the house. computers & lights don't even flicker. owner says he doesn't notice.	-0.3106	0.4939
9244	@jhall 🌎	-0.3106	0
9245	@hnshah haha	-0.3106	0.4588
9246	🌍🌍🌍 happy earth day 🌍🌍🌍	-0.3106	0.5719
9247	@icannot_enough haha true	-0.0113	0.7003
9248	@jirithunderdome yeah	-0.0113	0.296
9249	astronauts preparing to launch to @space_station <a href="https://t.co/wbkadzexec">https://t.co/wbkadzexec</a>	-0.0113	0
9250	2 mins to launch <a href="https://t.co/q9nxkrrxpw">https://t.co/q9nxkrrxpw</a>	-0.0113	0
9251	@lexfridman yup	-0.0113	0
9252	@sciguysspace this is important	-0.0113	0.2023
9253	@ppathole this is the essence of my philosophy	-0.0113	0
9254	@owensparks_ @ppathole absolutely!	-0.0113	0
9255	what does the future hodl?	-0.1311	0
9256	define ... beauty	-0.1311	0.5859
9257	<a href="https://t.co/l6bc0wkwoI">https://t.co/l6bc0wkwoI</a>	-0.1311	0
9258	@kuroikumanoashi lies can be beautiful	-0.1311	0.2732
9259	@tesmanian_com yup	-0.1311	0
9260	am hosting snl on may 8	-0.1311	0
9261	let's find out just how live saturday night live really is 😊	-0.1311	0
9262	@badastronomer so awesome!	-0.1311	0.6249
9263	@johnnacrider1 <a href="https://t.co/xl441ynnos">https://t.co/xl441ynnos</a>	-0.1311	0
9264	@blkmdl3 @johnnacrider1 we just got approval to open a new supercharger station in malibu!	-0.1311	0.4767
9265	@ppathole true. the opposite in fact – i provide financial support to my parents.	-0.1311	0.6705

9266	@ppathole an advantage i did have is that my father is a talented electrical & mechanical engineer, so i was taught a lot engineering (without appreciating it at the time)	-0.1311	0.6486
9267	@orangetilt yeah, roughly 200mw/km^2 using currently available solar panels.  what's really amazing is that you can store all energy needed to power a continent overnight with 1 square kilometer of stacked tesla megapacks!	-0.2336	0.8251
9268	@jgrano305 @orangetilt yes	-0.2336	0.4019
9269	@stoolpresidente no, you do not. i have not sold any of my bitcoin. tesla sold 10% of its holdings essentially to prove liquidity of bitcoin as an alternative to holding cash on balance sheet.	-0.2336	0
9270	@kchangnyt can't get it up (to orbit) lol	-0.2336	0.4215
9271	@jeff_foust true 🤦‍♂️	-0.2336	0.4215
9272	starship sn15 static fire completed, preparing for flight later this week	-0.2336	-0.34
9273	@kchangnyt <a href="https://t.co/elvyonn6zt">https://t.co/elvyonn6zt</a>	-0.2336	0
9274	@garyblack00 @cgrantwsj @wsj i find it more helpful to read/follow individual journalists, rather than publications.  any given publication is going to have wide range of views, albeit vast majority of stories about any subject are negative, perhaps reflecting innate human biases.  citizen journalism ftw!	-0.2336	0.2732
9275	@ppathole yup	-0.2336	0
9276	@documentingbtc yes	-0.1249	0.4019
9277	@garyblack00 other companies spend money on advertising & manipulating public opinion, tesla focuses on the product.  i trust the people.	-0.1249	0.5106
9278	@thesheetztweetz fcc is fair & sensible. nhtsa & faa too. 99.9% of the time, i agree with regulators!  on rare occasions, we disagree. this is almost always due to new technologies that past regulations didn't anticipate.	-0.1249	0.296
9279	@leastimalive @thesheetztweetz they have an important role to play in protecting the public from getting swindled, but are sometimes too close to wall st hedge funds imo.  strange that they aren't taking more action on some of the spacs.	-0.1249	0.34
9280	@erdayastronaut @twisi80 testing header tanks. all good so far.	-0.1249	0.4404
9281	@wapodavenport romeo + juliet, fish tank scene	-0.1249	0
9282	@wapodavenport did my heart love till now? forswear it, sight! for i ne'er saw true beauty till this night.	-0.1249	0.8957
9283	the dogefather snl may 8	-0.1249	0
9284	@muratpak 🌟	-0.1249	0
9285	@astrojordy @wapodavenport 0% so far	-0.1249	0
9286	♥ <a href="https://t.co/juluklymex">https://t.co/juluklymex</a>	-0.1249	0
9287	@riusjulien <a href="https://t.co/patksqjnp8">https://t.co/patksqjnp8</a>	-0.1249	0
9288	@rationaletienne @erdayastronaut @twisi80 starship is literally more pointy because of that movie haha	-0.1249	0.4588
9289	@collision @spacex cool! IE	-0.1249	-0.0516
9290	@owensparks_ @nbcnsnl @mileycyrus might be something there haha	-0.3299	0.4588
9291	@wr4nygov @garyblack00 @tesla @wholemarsblog 🤦‍♂️ exactly	-0.3299	0
9292	@squawksquare sorry 🤦‍♂️ <a href="https://t.co/v98bnpxg6">https://t.co/v98bnpxg6</a>	-0.3299	-0.0772
9293	@heydave7 yes	-0.3299	0.4019
9294	@teslany @tesla good technical analysis	-0.3299	0.4404
9295	@teslaownerssv @teslany @tesla probably two weeks	-0.3299	0
9296	@teslaownerssv @teslany @tesla gating factor is achieving & proving higher safety with pure vision than with vision+radar. we are almost there.  fsd beta v9.0 will blow your mind.	-0.3299	0.7003
9297	@tobyliiiiiiiiii @teslaownerssv @teslany @tesla and hopefully eu this summer	-0.3299	0.4019

9298	@jgrano305 @tobyliiiiiiii @teslaownerssv @teslany @tesla hopefully, later this year for several more states. insurance is different for almost every state in america & regulatory approvals take time.	-0.3299	0.4019
9299	@whatsupfranks @danheld i swear canada fsd beta will be as soon as humanly possible!	0.3342	-0.0516
9300	@teslaownerssv fsd display v9.0 will show actual probability distribution of objects – true mind's eye of the neural net. this is so cool!	0.3342	0.6249
9301	@teslaownerssv was using this in my car last night	0.3342	0
9302	@wholemarsblog exactly!	0.3342	0
9303	a major part of real-world ai has to be solved to make unsupervised, generalized full self-driving work, as the entire road system is designed for biological neural nets with optical imagers	0.3342	0.2732
9304	woke james bond snl may 8	-0.2927	0
9305	throwing out some skit ideas for snl. what should i do?	-0.2927	0
9306	@gshenanigans1 definitely	-0.2927	0.4019
9307	irony man – defeats villains using the power of irony	-0.2927	-0.1027
9308	@rstycg 🎭	-0.2927	0
9309	i love art deco	-0.2927	0.6369
9310	@jpr007 @epcalderhead haha	-0.2927	0.4588
9311	@heydave7 @tesla a remarkable junction in history	-0.2927	0.5574
9312	@utsavtechie prototypes are easy, production is hard	-0.2927	0.3612
9313	@spacex360 so great to see the happy faces!	-0.2927	0.8316
9314	@meetluis @warrez420 @wholemarsblog rawlinson was never chief engineer. he arrived after model s prototype was made, left before things got tough & was only ever responsible for body engineering, not powertrain, battery, software, production or design.	-0.2927	0.2023
9315	@thesheetztweetz only limitation is high density of users in urban areas. most likely, all of the initial 500k will receive service. more of a challenge when we get into the several million user range.	-0.2087	0.0772
9316	@karpathy 🎭	-0.2087	0
9317	@newscientist which means ~1/10th of you is 13.8 billion years old	-0.2087	0
9318	@davidsacks the movement! <a href="https://t.co/dk15sjjqyk">https://t.co/dk15sjjqyk</a>	-0.2087	0
9319	@aarongamelli i had a steampunk japan birthday party once	-0.2087	0.4019
9320	about to launch <a href="https://t.co/t4nki8vu4e">https://t.co/t4nki8vu4e</a>	-0.2818	0
9321	starship landing nominal!	-0.2818	0
9322	@nextspaceflight @nasaspaceflight only way to create rapidly & fully reusable orbital rockets, the fundamental technology revolution needed to make life multiplanetary	-0.2818	0.2732
9323	@nova_road true	-0.2818	0.4215
9324	@jimfarley98 @thesheetztweetz thanks jim	-0.2818	0.4404
9325	@miley Cyrus haha awesome! see you soon.	-0.2818	0.7964
9326	@gabrielgruber exactly	-0.2818	0
9327	@johnkrausphotos @spacex mars base alpha	-0.2818	0
9328	@zachweiner haha true	-0.2818	0.7003
9329	@flcnhv @westcoastbill 2024 is not out of the question for an uncrewed flight	-0.2818	0
9330	public support for life on mars is critical to making it happen	-0.2818	0.1027
9331	make humanity a multiplanet species!	-0.2818	0
9332	@davidspade 🎭	-0.0356	0
9333	@spacepadreisle nice shot	-0.0356	0.4215
9334	cryptocurrency is promising, but please invest with caution! <a href="https://t.co/a4kplcp8vq">https://t.co/a4kplcp8vq</a>	-0.0356	0.6124
9335	@erdayastronaut @spacex 😊	-0.0356	0
9336	@hiromichimizuno i'm looking for a shiba pup!	-0.0356	0
9337	@teslarati @13ericralph31 might try to reply sn15 soon	-0.0356	0
9338	@itsallrisky that is how i feel about it	-0.0356	0
9339	@considercosmos @spacex will use this as my wallpaper	-0.0356	0
9340	<a href="https://t.co/dlqtmfjkql">https://t.co/dlqtmfjkql</a>	-0.0356	0
9341	guest starring ... <a href="https://t.co/bum3btowbx">https://t.co/bum3btowbx</a>	-0.4822	0
9342	@owensparks until sunday	-0.4822	0
9343	@evafoxu 🎭	-0.4822	0
9344	cybertruck prototype in new york this weekend	-0.4822	0
9345	@ericrihlmann @tesla @nbcnsl @timessquarenyc @nycgov great pic	-0.4822	0.6249
9346	@ppathole @ericrihlmann @tesla @nbcnsl @timessquarenyc @nycgov it pretty much looks like this	-0.4822	0.6908
9347	@wholemarsblog yup 🎭	-0.4822	0
9348	special link to view snl outside usa <a href="https://t.co/egsdz8snfu">https://t.co/egsdz8snfu</a>	-0.4822	0.4019
9349	@flcnhv might still need a vpn in some countries	-0.4822	0

9350	wario was my fav haha 😂 <a href="https://t.co/tnjn3melyj">https://t.co/tnjn3melyj</a>	-0.4822	0.7184
9351	space launching satellite doge 1 to the moon next year – mission paid for in doge – 1st crypto in space – 1st meme in space  to the mooooonnn!!  <a href="https://t.co/xxfjgzveuw">https://t.co/xxfjgzveuw</a>	-0.4822	0
9352	@nbcnsnl chad saves mars!	-0.4822	0
9353	@model3owners i love dieter	-0.4822	0.6369
9354	@evafoxu @mayemusk absolutely	-0.4822	0
9355	@blockfolio 🚀🚀	-0.4822	0
9356	@dynamicwebpaige haha	-0.4822	0.4588
9357	@miley Cyrus @grimezs 🚀🚀	0.1051	0
9358	snl monologue <a href="https://t.co/b2cvfgqvvff">https://t.co/b2cvfgqvvff</a>	0.1051	0
9359	@tculpant exactly	0.1051	0
9360	do you want tesla to accept doge?	0.1051	0.4404
9361	@tesmanian_com DE 🚗 ❤️ geil! ❤️ 🚗 DE	0.1051	0
9362	@boredelonmusk 💩	-0.2511	0
9363	@leo88williams @garyblack00 yes	-0.2511	0.4019
9364	@flcnhv @garyblack00 end of year, along with fsd, provided we get regulatory approval. smart summon is just a subset of fsd.	-0.2511	0.7003
9365	@dreamweaver2oh @garyblack00 i think we're maybe a month or two away from wide beta. but these things are hard to predict accurately.  the work we had to do for pure vision driving was needed for fsd, so much more progress has been made than it would seem.	-0.2511	0.5267
9366	@garyblack00 subscription rolls out in about a month	-0.2511	0
9367	@blockfolio 🚀🚀	-0.2511	0
9368	@wholemarsblog haha	-0.4521	0.4588
9369	energy usage trend over past few months is insane <a href="https://t.co/e6o9s87trw">https://t.co/e6o9s87trw</a> <a href="https://t.co/bmv9wotwke">https://t.co/bmv9wotwke</a>	-0.4521	-0.1531
9370	@michael_saylor <a href="https://t.co/f5omtctecp">https://t.co/f5omtctecp</a>  <a href="https://t.co/wupebgfhzg">https://t.co/wupebgfhzg</a>  <a href="https://t.co/gxmhgb5ki">https://t.co/gxmhgb5ki</a>	-0.4521	0
9371	it is high time there was a carbon tax!	-0.4521	0
9372	to be clear, i strongly believe in crypto, but it can't drive a massive increase in fossil fuel use, especially coal	-0.0287	0.7184
9373	@id_aa_carmack i have a lot of respect for anyone who ships useful product at scale. it is insanely hard work.	-0.0287	0.6808
9374	working with doge devs to improve system transaction efficiency. potentially promising.	-0.0287	0.7964
9375	as always <a href="https://t.co/gtfmtokzez">https://t.co/gtfmtokzez</a>	-0.0287	0
9376	@teslaownerssv 3/4 of the way around the earth	-0.0287	0
9377	@djsnm we need to make sure ship won't break up on reentry, hence deorbit over pacific	-0.0287	0.3182
9378	@rationaletienne 🚀🚀	-0.0287	0
9379	@sciguysspace yes, hardware-in-the-loop testing of software is essential	-0.0891	0.4019
9380	@itsallrisky ideally, doge speeds up block time 10x, increases block size 10x & drops fee 100x. then it wins hands down.	-0.0891	0.1779
9381	@long_elon @itsallrisky only if doge can't do it. big pain in the neck to create another one.	-0.0891	-0.296
9382	@ppathole @long_elon @itsallrisky my understanding is that the big accounts are exchanges. would be good to confirm though. am told the biggest one is robinhood.	-0.0891	0.4404
9383	@loshan1212 @itsallrisky for those bad at math 🤯, 100x higher transaction volume with 100x lower fees means total fees earned stay same. low fees & high volume are needed to become currency of earth.	-0.0891	-0.7783
9384	@mattwallace888 🚀	-0.0891	0
9385	@teslahype coming soon. sorry for the delay!	-0.0891	-0.3818
9386	@petermcormack obnoxious threads like this make me want to go all in on doge	-0.0891	0.4215
9387	@michael_saylor saylor moon	-0.0891	0

9388	@poisonouspinups @michael_saylor he should wear outfit for halloween, but with "bitcoin" tattooed high on thighs	-0.0891	0
9389	@chainlinkgod @petermccormack bitcoin is actually highly centralized, with supermajority controlled by handful of big mining (aka hashing) companies.  a single coal mine in xinjiang flooded, almost killing miners, and bitcoin hash rate dropped 35%. sound "decentralized" to you?  <a href="https://t.co/oom8yzgrnq">https://t.co/oom8yzgrnq</a>	-0.0891	-0.6258
9390	@chainlinkgod @petermccormack hey cryptocurrency "experts", ever heard of paypal? it's possible ... maybe ... that i know than you realize about how money works.	-0.0891	0
9391	@cryptowhale indeed	-0.0891	0
9392	@emperorbtc @cryptowhale <a href="https://t.co/4oc3cekozo">https://t.co/4oc3cekozo</a>	-0.0891	0
9393	@btc_archive to clarify speculation, tesla has not sold any bitcoin	-0.0891	0
9394	@techinsider hallelujah	-0.0891	0
9395	<a href="https://t.co/13m1khfmjv">https://t.co/13m1khfmjv</a>	0.0170	0
9396	@vincent13031925 going through all aspects of next gen model y production system with team. lot of talented people at giga berlin. this place will rock!	0.0170	0.5106
9397	@ppathole i worked for peter nicholson, who is awesome. mostly, we exchanged math riddles, although i did figure out a multi-billion dollar arbitrage opportunity for the bank. figured they'd at least give me \$1/hour raise, but no ... <a href="https://t.co/rdjdptphz">https://t.co/rdjdptphz</a>	0.0170	0.7845
9398	@wholemarsblog @vincent13031925 4680	0.0170	0
9399	giga berlin suppliers please accelerate!	0.0170	0.3182
9400	aiming for extreme precision with next gen model y – microns, not millimeters	0.0170	0
9401	@joergstb great progress so far! thank you for the support from brandenburg. i would also like to express appreciation for the permit authorities, as i know this is a large and complex project.  when all the finishing touches are done, i hope it will be considered a jewel of brandenburg!	0.0335	0.9628
9402	@tesmanian_com ferragu is remarkably insightful	0.0335	0
9403	@reuters 🎉🎉	0.0335	0
9404	tesla has 💎 💕	0.0335	0
9405	credit to our master of coin	0.0335	0.3818
9406	@senbillnelson i would like to second that congratulations. outstanding accomplishment by china!	0.0335	0.886
9407	@jamesdouma @shivon likewise. i have attention *surplus* disorder haha.	0.0387	0.4588
9408	@teslany @petersen_museum @tesla production article will look different (better)	0.0387	0.4404
9409	@cleantechica congrats to @ford on embracing an electric future!	0.0387	0.5267
9410	@desertedpix @artifactshub this is how i imagine most theaters are these days haha	0.0387	0.4588
9411	tesla model s plaid delivery event  june 3 at our california factory  fastest production car ever 0 to 60mph in under 2 secs	0.0387	0
9412	how much is that doge in the window? <a href="https://t.co/bxtkwor50v">https://t.co/bxtkwor50v</a>	0.0387	0
9413	@michael_saylor @adamsamson @mr_blinkx @ft @katie_martin_fx @naumanbilly @cambridgealtnf <a href="https://t.co/l1g5bl1omq">https://t.co/l1g5bl1omq</a>	0.0387	0
9414	@teslarati diess is right. hydrogen is a staggeringly dumb form of energy storage for cars. barely worth considering it for a rocket upper stage, which is its most compelling use.	0.0387	-0.1513
9415	@teslagong that is my gaming laptop, which has never had a sticker until now	0.0387	0
9416	@dogecoinrise @teslagong es wurde mir in deutschland gegeben	0.0387	0
9417	@xsharknado @dogecoinrise @teslagong 🎉🎉	0.0387	0
9418	@whatsupfranks @teslagong currency is already digital! decentralized crypto is an attempt to wrest power of currency dilution (pernicious form of taxation) & capital controls from governments. that said, i sure hope the cure is better than the disease!  mars/ai are essential to passing the great filter/s.	0.0387	0.9042
9419	@thatdogegirl @whatsupfranks @teslagong worth reading	0.0387	0.2263
9420	@austinbarnard45 sure	0.0387	0.3182
9421	@austinbarnard45 good idea	0.0387	0.4404
9422	@marcushouse it will have high pressure air rocket thrusters behind a license plate that flips down. bong, james bong ...	0.0387	-0.296
9423	@flcnhv @marcushouse oh sorry, yes, roadster will have thrusters, not plaid. plaid is indeed close to the theoretical maximum of a roadworthy car without special devices.	0.0387	0.0366
9424	@heydave7 a longtime tesla supporter gave me the doge dollar sticker at giga berlin	0.0387	0

9425	@heydave7 yeah, i haven't & won't sell any doge	0.0387	0.296
9426	@teslaownersebay @austinteslaclub @kristennetten @tesla @teslachillmode @codingmark @evafoxu @rationaletienne @28delayslater @wholemarsblog ⚡⚡	0.0387	0
9427	@wintonark i agree that this *can* be done over time, but recent extreme energy usage growth could not possibly have been done so fast with renewables.  this question is easily resolved if the top 10 hashing orgs just post audited numbers of renewable energy vs not.	0.0387	0.8885
9428	@teslagong @wintonark bitcoin hashing (aka mining) energy usage is starting to exceed that of medium-sized countries. almost impossible for small hashers to succeed without those massive economies of scale.	0.0387	0.617
9429	@blkmdl3 @teslagong @wintonark yes, with the spacex rocket thruster option package. it will be safe, but very intense. probably not wise for those with a medical condition – same as a hardcore roller coaster.	0.0387	0.8402
9430	@teslagong @wintonark ideally 0.1kwh, calculated as total energy used by system divided by max transaction rate	0.0387	0.5994
9431	@btcsessions @teslagong @wintonark achieving truly decentralized finance – power to the people – is a noble & important goal.  layer count depends on projected bandwidth & compute, both rising rapidly, which means single layer network can carry all human transactions in future imo.  for now, lightning is needed.	-0.2835	0.5719
9432	@astrojordy @tesla we can't wait to build this crazy truck! it's a total rethink of vehicle mechanical architecture & production methods, so super hard project, but worthwhile in the end.	-0.2835	0.2732
9433	@cleantechnica wow!	-0.2835	0.5859
9434	@jimfarley98 congrats!	0.1943	0.5267
9435	@rocketrundown welcome to the future. it's gonna be great.	0.1943	0.7964
9436	any sufficiently advanced magic is indistinguishable from technology	0.1943	0.25
9437	@therealshifo the true battle is between fiat & crypto. on balance, i support the latter.	0.1943	0.4404
9438	@ppathole @spacex the hard part about raptor is simplifying it	0.1943	-0.1027
9439	@fincnhvy @thatdogegirl @whatsupfranks @teslagong becoming multiplanetary is one of the greatest filters. only now, 4.5 billion years after earth formed, is it possible.  how long this window to reach mars remains open is uncertain. perhaps a long time, perhaps not.  in case it is the latter, we should act now.	0.1943	0.4767
9440	<a href="https://t.co/7afq6dilzc">https://t.co/7afq6dilzc</a>	0.1943	0
9441	@spacenews_inc congrats! @virgingalactic	0.1943	0.5267
9442	@cointelegraph he fears the ... <a href="https://t.co/78wzm5icja">https://t.co/78wzm5icja</a>	0.1943	0
9443	if you'd like to help develop doge, please submit ideas on github & <a href="https://t.co/liapqmfaqb">@dogecoin_devs</a>	0.1943	0.7579
9444	someone suggested changing dogecoin fees based on phases of the moon, which is pretty awesome haha	0.1943	0.8834
9445	@heydave7 @dogecoin_devs doge has dogs & memes, whereas the others do not	-0.1349	0
9446	@itsallrisky please note dogecoin has no formal organization & no one reports to me, so my ability to take action is limited	-0.1349	0.4019
9447	@caspar_stanley @erdayastronaut @spacex @superheavybn3 lot of plumbing!	0.0286	0
9448	@teslarati @13ericralph31 exactly ⚡⚡	0.0286	0
9449	@teslarati @residentsponge pure vision autopilot is now rolling out in north america. there will be an update of this production release in 2 weeks, then fsd beta v9.0 (also pure vision) a week later. fsd subscription will be enabled around the same time.	0.0286	0.4588
9450	@ilyarosenberg @caspar_stanley @erdayastronaut @spacex @superheavybn3 they are now the same (lox below ch4). ox is 3.5 times heavier than fuel, so makes sense to have it lower.	0.0286	-0.296
9451	@astro_elliott @teslarati @residentsponge aiming to have hot gas thrusters on booster for first orbital flight	0.0286	0
9452	@caspar_stanley @erdayastronaut @spacex @superheavybn3 yup	0.0286	0
9453	@wholemarsblog not sure who wrote this, but it's accurate <a href="https://t.co/grvwxojz56">https://t.co/grvwxojz56</a>	0.0286	0.3182
9454	deep thots <a href="https://t.co/j5mjff7iil">https://t.co/j5mjff7iil</a>	0.0286	0
9455	if only they had spaceships, they'd still be around	0.0286	0
9456	@btc_archive ⚡⚡	0.0286	0
9457	@sciguysspace cumulative payload to orbit is the really crazy number. falcon has delivered more than double rest of world combined over trailing 12 months.	0.0151	-0.2766

9458	@alexsvanart @neopork85 pretty close. no tiles on back side of flaps. some tiles towards leeward side of ship trailing plasma spilling off rear of flaps.	0.0151	0.4939
9459	@rationaletienne @sciguyospace potentially, 1000 times higher	0.0151	0
9460	@waitbutwhy @poweredbyart exactly	0.0151	0
9461	@model3owners tesla sure would appreciate changing the law, so that this is not required!	-0.1412	0.6124
9462	ship 16 & booster 2, starbase highbay <a href="https://t.co/iuuidow9ym">https://t.co/iuuidow9ym</a>	-0.1412	0
9463	@tdogewhisperer @spair @itsallrisky @mcuban 🎉	-0.1412	0
9464	<a href="https://t.co/Oydx4kjlp">https://t.co/Oydx4kjlp</a>	-0.1412	0
9465	@blueorigin for the low, low price of ... ?	-0.1412	-0.4939
9466	@kosukegoto2013 i suspect that name made him strong	-0.1412	0.2732
9467	@ryanthe3nerd @tesla moving lumbar was removed only in front passenger seat of 3/y (obv not there in rear seats). logs showed almost no usage. not worth cost/mass for everyone when almost never used.  prices increasing due to major supply chain price pressure industry-wide. raw materials especially.	-0.1482	-0.1477
9468	@model3owners making this work has been / still is super difficult, but it's a revolution in car body design & production – lighter, tighter, better nvh, higher precision, lower capex, lower unit cost	-0.1482	0.2263
9469	@jeremyjudkins @ryanthe3nerd @tesla agreed	-0.1482	0.2732
9470	@documentingbtc nice	-0.1482	0.4215
9471	@worldoftesla1 yeah, new model s & x have ps5 level entertainment computing power	-0.1482	0.6124
9472	@valaafshar og smartwatch	-0.1482	0
9473	@itsallrisky sounds kinda fun	-0.1482	0.4601
9474	@coindesk @coinbasepro @nikhileshde ... <a href="https://t.co/nknrxkb0rv">https://t.co/nknrxkb0rv</a>	-0.2741	0
9475	@southpark baby shark crushes all! more views than humans. <a href="https://t.co/48ol3zzhjp">https://t.co/48ol3zzhjp</a>	-0.2741	-0.4404
9476	@dogeofficialceo @southpark when i visit japan later this year	-0.2741	0
9477	@teslarati @writer_01001101 sigh	-0.2741	0.0258
9478	found this pic of me as a child <a href="https://t.co/huekluradp">https://t.co/huekluradp</a>	-0.2741	0
9479	@p_ferragu our biggest challenge is supply chain, especially microcontroller chips. never seen anything like it.  fear of running out is causing every company to overorder – like the toilet paper shortage, but at epic scale.  that said, it's obv not a long-term issue.	-0.2741	-0.7975
9480	@ercxspace @austinbarnard45 @spacex @nasaspaceflight might take a few kicks at the can before we catch the rocket haha	-0.2741	0.4588
9481	@ppathole @spacex science-fiction should not be fiction forever!	-0.2741	0
9482	@teslaownerssv we went public for \$3.40/share!	-0.2741	0.296
9483	@teslarati @residentssponge <a href="https://t.co/pormpnwtuk">https://t.co/pormpnwtuk</a>	-0.2741	0
9484	@wholemarsblog that's where we get most of our lithium. also, whereas phone batteries make heavy use of cobalt in cathode, tesla uses primarily nickel, which is trickier, but has better energy density (range).  iron cathode cells are now competitive for stationary packs & mid range cars.	-0.2741	0.6124
9485	@eamokeane things get weird at the driver level	-0.2741	-0.1779
9486	@28delayslater @eamokeane 🎉	-0.2741	0
9487	@teslaownerssv thanks :) seriously, it was so insane! fud still happening a little, but doesn't resonate when enough people have the product.	-0.2741	-0.128
9488	@ppathole yup	-0.4415	0
9489	@wholemarsblog 🎉	-0.4415	0
9490	@engineers_feed 🎉	-0.4415	0
9491	#bitcoin 💯 <a href="https://t.co/lnnefmtdtj">https://t.co/lnnefmtdtj</a>	0.1289	0
9492	@jrnycrypto 🎉	0.1289	0
9493	@jrnycrypto needs laser eyes too	0.1289	0
9494	<a href="https://t.co/mlhu60owgc">https://t.co/mlhu60owgc</a>	0.1289	0
9495	canada usa mexico	0.1289	0
9496	@coinbase nice	0.1289	0.4215
9497	@archillect 💧	0.1289	0
9498	@billym2k <a href="https://t.co/p0dkfkwhfv">https://t.co/p0dkfkwhfv</a>	0.1289	0
9499	@cryptowhale great thread 🎉	0.1289	0.6249
9500	@ercxspace @spacex 😊	0.1289	0

9501	@rthowell make up sex is the best tho	0.1289	0.6369
9502	@itsdogecoin @rthowell haf yu sin mi danz?	0.1289	0
9503	@corpse_husband @archillect already have one	0.0526	0
9504	@flcnhvvy it is	0.0526	0
9505	@fredilly ... is a helluva drug 🚫🚫	0.0526	0
9506	@cryptowhale ⏪	0.0526	0
9507	@lexfridman @vitalikbuterin @ethereum @bitcoin @dogecoin @shibainucoin @iohk_charles @cardano @chainlink @0xpolygon i pretty much agree with vitalik	0.0526	0.6908
9508	goods & services are the real economy, any form of money is simply the accounting thereof	0.0526	0
9509	@jason haha awesome	0.0526	0.7964
9510	@rationaletienne @jason fair point. back to regularly scheduled programming.	0.0526	0.3182
9511	don't kill what you hate, save what you love	0.0526	-0.25
9512	i guess we read the instructions haha <a href="https://t.co/s3yxucawn">https://t.co/s3yxucawn</a>	0.0526	0.4588
9513	@hag7447 🚫	0.0526	0
9514	@teslaownerssv the operating costs of a tesla are also much lower than a gasoline cruiser!	0.0526	-0.296
9515	<a href="https://t.co/zuw2ewmh34">https://t.co/zuw2ewmh34</a>	0.0526	0
9516	@ppathole @hag7447 he will perhaps have a baby soon	0.0526	0
9517	<a href="https://t.co/anhplbpgza">https://t.co/anhplbpgza</a>	0.0526	0
9518	@jamie_orourke i do like to cause a little mischief	0.0526	0.3612
9519	@larsedelmann1 @jamie_orourke @tesla maybe	0.0526	0
9520	@wholemarsblog one more production release of pure vision this week, then fsd beta 9 a week or two later. v9.0 fsd is also pure vision. foundational improvements are immense.	0.0526	0.6486
9521	@billym2k tbh, i was into pc & still into pc	0.0526	0
9522	@kennyloaded @billym2k some engineers i worked with went on to help create wow, but it was too addicting. couldn't afford the time (sigh).	0.0526	0.8271
9523	@watcherstank @billym2k vic-20 with 8kb memory	0.0526	0
9524	model s goes to plaid speed this week	0.0526	0
9525	plaid+ is canceled. no need, as plaid is just so good.	0.0526	0.4404
9526	0 to 60mph in under 2 secs. quickest production car ever made of any kind. has to be felt to be believed.	0.0526	0.5267
9527	@modelyendofice at the annual shareholder meeting! probably late july / early august.	0.0526	0
9528	@btctn a new space race has begun!	0.0526	0
9529	@itsallrisky 🚫	0.0526	0
9530	@owensparks_ ❤️	0.0526	0
9531	@lloydostertagg @spacex thanks lloyd!	0.0526	0.4404
9532	@mattwallace888 wow, thanks!	0.0526	0.7717
9533	@teslaeconomics the long-term strength of tesla will be manufacturing technology	0.0526	0.4939
9534	@cj_nfa @wholemarsblog @wr4nygov @teslarati @stevenmarkryan @28delayslater @garyblack00 @gerberkawasaki @josephvwallace @sawyermeritt 🚫	-0.3229	0
9535	@heydave7 well said, dave!	-0.3229	0.2732
9536	@atomstrawberry @seemeonlan @geiser_rules @hardcorehistory @reeehp just donated	-0.1441	0
9537	@teslarati tesla europe team is doing great!	-0.1441	0.6249
9538	@squawksquare @fredericclambert not even a good fake anonymous "the article is behind a paywall, and it looks like anonymous' hacking skills are not enough to get behind it" 🚫	-0.1441	0.3182
9539	@ppathole exactly. only time i sell tesla stock is when my stock options are expiring & i have no choice.  btw, i will continue to pay income taxes in california proportionate to my time in state, which is & will be significant.	-0.1441	0.1027
9540	@leastimalive @ppathole yeah, sold my houses, except for 1 in bay area that's rented out for events.  working on sustainable energy for earth with tesla & protecting future of consciousness by making life multiplanetary with spacex. also, ai risk mitigation with neuralink & fixing traffic with boring.	-0.1441	-0.0258
9541	@mattwallace888 my primary home is literally a ~\$50k house in boca chica / starbase that i rent from spacex. it's kinda awesome though.  only house i own is the events house in the bay area. if i sold it, the house would see less use, unless bought by a big family, which might happen some day.	-0.1441	0.5868
9542	@dogeofficialceo @mattwallace888 now that i have made some improvements, i'm pretty sure it's worth \$69k haha	-0.1441	0.8934
9543	@teslaownerssv exactly	-0.0323	0

9544	@squawksquare @fredericclambert <a href="https://t.co/mgmr xu0gky">https://t.co/mgmr xu0gky</a>	-0.0323	0
9545	@brycespacetech useful mass to orbit is the primary figure of merit	-0.0323	0.6908
9546	@adamklotz_ @brycespacetech starlink missions will move to starship	-0.1086	0
9547	@teslany @lvcva people like it!	-0.1086	0.3612
9548	@lexfridman tesla engineering is awesome!	-0.1086	0.6249
9549	@owensparks_ @lexfridman i love the yoke!	-0.1086	0.6369
9550	@rationaletienne @lexfridman @woodhaus2 haha	-0.1086	0.4588
9551	order tesla model s plaid at <a href="https://t.co/luuhicqwei">https://t.co/luuhicqwei</a>	-0.1086	0
9552	most amount of fun on 4 wheels! pure joy on tap whenever u want.	-0.1086	0.8126
9553	plaid release event <a href="https://t.co/txihxnuw9a">https://t.co/txihxnuw9a</a>	-0.1086	0
9554	@teslarati @klenderjoey at last!	-0.1086	0
9555	@sawyermerritt jay is awesome!	-0.0422	0.6249
9556	@briannorgard physics is simply the search for truth. nothing is more rigorous.	-0.0422	0.3182
9557	esoteric meme of the day <a href="https://t.co/elgmelexre">https://t.co/elgmelexre</a>	-0.0422	0
9558	@ppathole deriving moments of inertia from first principles	-0.0422	0
9559	@alternatejones true	-0.0422	0.4215
9560	@ajtourville fiber is wound over rotor at high tension load. machine to do this was made by tesla automation.  carbon sleeve must put copper rotor in compression or it loosens at low temp due to differential thermal expansion.  preload is also helpful for maintaining precise gap to stator.	-0.0422	-0.1531
9561	@ajtourville main advantage of this is a much stronger em field compared with a rotor that is held together by metal (usually high strength steel).  other advantage is that rotor can go to higher rpm, as carbon sleeve (mostly) stops copper rotor from expanding due to radial acceleration.	-0.0422	0.802
9562	@ajtourville the plaid carbon-wrapped motor is arguably the most advanced motor on earth outside of maybe a lab somewhere. we have to keep some secrets!  we have a few ideas for increasing torque & max rpm even further for new roadster. definitely fun & exciting engineering ahead!	-0.0422	0.8481
9563	@cointelegraph this is inaccurate. tesla only sold ~10% of holdings to confirm btc could be liquidated easily without moving market.  when there's confirmation of reasonable (~50%) clean energy usage by miners with positive future trend, tesla will resume allowing bitcoin transactions.	-0.0422	0.8689
9564	our soul dichotomy <a href="https://t.co/d4pc5xk2vk">https://t.co/d4pc5xk2vk</a>	-0.0422	0
9565	this is true <a href="https://t.co/72u3srbf6u">https://t.co/72u3srbf6u</a>	-0.0422	0.4215
9566	!! <a href="https://t.co/3h9gmemslf">https://t.co/3h9gmemslf</a>	-0.0422	0
9567	@delta_v @spacex360 so much more is needed for life to become multiplanetary	-0.0422	0
9568	@ppathole @delta_v @spacex360 after several successful launches, land overflight earlier in trajectory passes e-sub-c safety threshold. that said, starship will also launch from cape long-term.	-0.0422	0.765
9569	@leastimalive @ppathole decided to sell my last remaining house. just needs to go to a large family who will live there. it's a special place.	-0.0422	0.4019
9570	@lexfridman the aliens would say "so long, and thanks for the orifice!"	-0.0422	0.4404
9571	pluto takes 248 years to orbit the sun, but uranus only takes 84	-0.0422	0
9572	could turn out to be one big philip k dick joke in the end	-0.0422	-0.2732
9573	k is kindred	-0.0422	0
9574	@foxsports epic dog	-0.0422	0
9575	@tobyliliiiiiii @f_rmnn cool	-0.0422	0.3182
9576	@miley Cyrus 133t h4x0r got my phone. nuthin i could do. sorry babe.	-0.3014	-0.0772
9577	stacking super heavy aft section <a href="https://t.co/itydacq4hm">https://t.co/itydacq4hm</a>	-0.3014	0.5994
9578	from the top of starbase high bay <a href="https://t.co/krtjbrwrqw">https://t.co/krtjbrwrqw</a>	-0.3014	0.2023
9579	@billym2k 🎉	-0.3014	0
9580	@gmalca @tesla true, we somewhat overcompensated on bluetooth antenna capability haha. will work on turning it down near your destination.	-0.3014	0.7003
9581	@tesla Raj new hvac firmware coming soon that will make it quieter	-0.0188	0
9582	@rationaletienne @tesla Raj oh man, home hvac that is super energy efficient, quiet & purifies the air would be great. we developed it for the car, but it can be scaled up for home use.	-0.0188	0.9169

9583	@rationaletienne @tesla_raj most people have no idea just how good the tesla air purification system is. literally 10x better than any other car.	-0.0188	0.7003
9584	@rationaletienne @tesla_raj maybe we should advertise informationally just so people know stuff like this exists	-0.0188	0.3612
9585	@aakashy78549221 @tesla_raj nice	-0.0188	0.4215
9586	@thebabylonbee ειδέναι μὲν μηδὲν πλὴν αὐτὸ τοῦτο εἰδέναι	-0.0188	0
9587	@renatakonkoly @thebabylonbee pretty much an average day back then	-0.0188	0.4939
9588	@teslarati @13ericralph31 i love carbs	-0.0188	0.6369
9589	@nuc_geek massive increase in supercharger network is underway	-0.0188	0.3182
9590	@dimazeniuk @tesla @wholemarsblog @dami_kolz @kristennetten @1stmarscolonist @melaniemadri @daelmor @rationaletienne @evafoxy @astrojordy @28delayslater it is an honor to work with such talented engineers	0.0664	0.7579
9591	@wholemarsblog manufacturing is so hard. i have the utmost respect for those who build things.	0.0664	0.4019
9592	@adamhoov @jasoncammisa cool	0.0664	0.3182
9593	@bitcoinmagazine @jespow based on what data?	0.0664	0
9594	@vincent13031925 fair enough	0.0664	0.3182
9595	@teslarati @13ericralph31 @nasaspaceflight @thejackbeyer we might use sn16 on a hypersonic flight test	0.0664	0
9596	@xhnews congratulations, this is a great achievement!	0.0664	0.8402
9597	@eroxer310 @motortrend @tesla steam engines are even better!	0.0664	0.4404
9598	@donisiko @eroxer310 @motortrend @tesla true	0.0664	0.4215
9599	real pic of 2 ships next to starbase tiki bar on right https://t.co/e4awzieddq	0.0664	0
9600	@billym2k haha	0.0088	0.4588
9601	@tesla peak acceleration is over 1.2 g's, which is 20% faster than falling	-0.1456	-0.1531
9602	@teslaownerssv true	-0.1456	0.4215
9603	@erdayastronaut this is epic. very impressive history.	-0.1456	0.5106
9604	@udonandtempura @tesla haha pretty much	-0.1456	0.7351
9605	@rationaletienne 🚀🚀	-0.1456	0
9606	@weddleandsons @tesla nice work	-0.1456	0.4215
9607	@teslaownerssv yeah	-0.1456	0.296
9608	happy father's day!	-0.1456	0.5719
9609	@karpathy "physical-world" sigh	-0.1456	0.0258
9610	looking at holding tesla ai day in about a month or so. will go over progress with tesla ai software & hardware, both training & inference. purpose is recruiting	-0.1456	0.4215
9611	@ashleevance tesla financing round closed at 6pm dec 24th 2008 – last hour of last day possible or payroll would've bounced 2 days later. i gave tesla last of my remaining cash from paypal. didn't even own a house or anything sellable.	-0.1456	0
9612	@wholemarsblog very sorry to hear that. condolences to jb and his family.	-0.0429	-0.0772
9613	@jrossnicoll this is an important improvement	-0.0429	0.5859
9614	@teslarati @residentsponge ??	0.1675	0
9615	@torybruno good chart. this is a major reason why we moved starlink from ~1100km orbit to ~550km. atmosphere automatically clears the lower altitude within a few years, so space junk cannot accumulate.	-0.0546	0.1779
9616	shout out to the awesome tesla global team. thanks for working so hard to make tesla successful!	-0.0546	0.886
9617	@teslagong @torybruno at least a few years before starlink revenue is reasonably predictable. going public sooner than that would be very painful. will do my best to give long-term tesla shareholders preference.	-0.0546	0.3182
9618	@alexsvanart @jinsprucker @neopork85 @bl3d_eccentric wow!	-0.0546	0.5859
9619	@digitalgal 🚀🚀	-0.0546	0
9620	@djsnm cool, but an unnecessary complication for now. these are being removed to speed up time to orbital launch.	-0.0546	0.3182
9621	@kelvin61942434 that is an exciting goal!	-0.0546	0.4939
9622	@billym2k 🎉	-0.2845	0
9623	@hiddin2urleft @itsdogecoin @investments_ceo @memainvestors @dogecoinxx @greg16676935420 @blockfolio @dogeofficialceo @dogeeducation @dogecointweet #gravitas	-0.2845	0
9624	@jack bicurious?	-0.2845	0
9625	@jack oh right ... bitcoin haha	-0.2845	0.4588
9626	"that's not funny!" – bitcoin maxis	-0.2845	0.4404
9627	@aording edgy	-0.2845	0
9628	@m_tijn 💧💧	-0.2845	0
9629	@newscientist @ibjiyongi basically, just a footnote	-0.2845	0

9630	@sciguyospace nothing wrong with healthy competition, but this seems a little over-the-top. would be cool if spacecraft could travel from one space station to another (which is much harder than it seems!).	-0.2845	0.429
9631	@jack lmfaomg	-0.2845	0
9632	@jack the comments in this thread are solid gold	-0.2845	0.1531
9633	@universal_sci i think about that quite a lot	-0.2845	0
9634	@rationaletienne @jack t is the new d	-0.2845	0
9635	@jack for the bitcurious? very well then, let's do it 😊	-0.2845	0.2732
9636	@teslaownerssv @spacex "it will be like this, but bigger"	-0.2845	0.3612
9637	@wholemarsblog @teslaownerssv @spacex i'm driving "alpha" 9, but we need to fix some obvious issues before releasing beta 9, hopefully next week. fsd subscription capability should be turning on via the tesla app.	-0.2845	0.4019
9638	timing is everything <a href="https://t.co/b6hdb5ks4g">https://t.co/b6hdb5ks4g</a>	-0.2845	0
9639	my shiba inu will be named floki	-0.2845	0
9640	@wildreamz @engineers_feed true	-0.2845	0.4215
9641	@dogecoinrise starship super heavy	-0.2845	0.5994
9642	@satyanadella bring back the zune!! it's time.	-0.2845	0
9643	@jpr007 actually, a great many parts are produced by our suppliers, but tesla is more vertically integrated than other carmakers	-0.2845	0.6249
9644	@lexfridman one of my favorites quotes from a great human	-0.2845	0.7845
9645	@greg16676935420 @jack 🎉🎉	-0.2845	0
9646	@marcodzo @tesla sometimes people think it is performance, but safety is always the primary design requirement for a tesla	0.0733	0.4215
9647	starlink simultaneously active users just exceeded the strategically important threshold of 69,420 last night!	0.0733	0.5423
9648	all 72 orbital planes activate in august, plus many other improvements, enabling global coverage, except for polar regions, which will take another 6 months	0.0733	0.3182
9649	@flcnhv schedule driver there is regulatory approval. has to be certified for each aircraft type. focusing on 737 & a320, as those serve most number of people, with development testing on gulfstream.	0.0733	0.5267
9650	<a href="https://t.co/hstnxm0zmn">https://t.co/hstnxm0zmn</a>	0.0733	0
9651	@totalspace360 cool	0.0733	0.3182
9652	@mayemusk 💕	0.0733	0
9653	@tylerg1998 @nasaspaceflight @spacex it is! looks like we can get 378 sec isp with this version of raptor vacuum, so over 380 sec with some improvements down the road.	0.0733	0.5859
9654	@jrossnicoll important to support	0.0733	0.5423
9655	thanks for all the happy birthday wishes!	0.0733	0.802
9656	@dirtytesla production release update coming this week, which includes raising max speed to 80 mph. sorry, 75 mph limit was done as precautionary measure. turned out to be unnecessary.	-0.1444	-0.0772
9657	@smvllstvrs not bad	-0.1444	-0.5423
9658	@iihs_autosafety top safety pick+ from iihs! that's the highest overall rating, but we think we can get max score for all subcategories/individual tests too.  retesting in a month or so with improved software. the improved software will then be uploaded to all cars with fsd computers.	-0.1444	0.8689
9659	@spacex sonic boom incoming <a href="https://t.co/jwaya0j5xx">https://t.co/jwaya0j5xx</a>	-0.1444	0
9660	@spacex unfortunately, launch is called off for today, as an aircraft entered the "keep out zone", which is unreasonably gigantic.  there is simply no way that humanity can become a spacefaring civilization without major regulatory reform. the current regulatory system is broken.	-0.1444	-0.6705
9661	@torybruno @dynetics when do the engines arrive? 😊	-0.1444	0
9662	@nextspaceflight there is the internal goal if things go right, which needs to be aggressive. obviously, some things will not go right internally & there will be external issues too.  that said, i think we can stack an orbital ship on an orbital booster in july.	-0.1444	0
9663	@passionflix @toscamusk i liked your movie "hollywood dirt"!	-0.1444	0.1027
9664	@torybruno @dynetics sure	-0.1444	0.3182
9665	@torybruno @dynetics should i bring a few spare engines ... i mean, just in case.	-0.1444	0
9666	@ppathole @tesla @spacex basic mri is easier than it sounds good tbh. high resolution mri in short time with weak magnetic field is hard.	-0.1054	0.34
9667	@erdayastronaut great shot! btw, starship super heavy will not have an entry burn. delta-v is shifted more to the ship, so booster entry q & heating is lower.	-0.1054	0.7783

9668	@renatakonkoly @erdayastronaut first one to fly will, so booster 4. booster 3 will be used for ground tests. we're changing much of design from 3 to 4. booster 3 was very hard to build. expect especially rapid evolution in first ~10 boosters & first ~30 ships.	-0.1054	-0.1027
9669	@erdayastronaut we've already done a lot of iteration on ship. for rapid reusability, booster must return to launchpad, so inert mass impacts ascent, boostback & landing burns. triple whammy. also, booster flight rate is ~5x that of ship, so multiple mass \$ cost by 5.	-0.1054	0
9670	rapidly reusable rockets, r r r ☀️	-0.1054	0
9671	@ezebroni @wholemarsblog you should notice several other improvements	-0.1054	0.3182
9672	@thesheetztweetz work needed between flights is less & less, as shown by shortening time between reflights. required work between flights for starship & super heavy is zero.	-0.1054	0.5994
9673	@wholemarsblog yeah	-0.1661	0.296
9674	<p>@torybruno @chadbownano @thesheetztweetz ula would be dead as a doornail without the two launch provider dod requirement.</p> <p>if this is not true, then you won't have a problem removing it.</p> <p>your parent company, lockheed, darkened the skies with lobbyists to ensure f-35 was single source.</p> <p>seems a little inconsistent ...</p>	-0.1661	-0.3818
9675	@dogeofficialceo @torybruno @chadbownano @thesheetztweetz yeah, but dogz r <ul style="list-style-type: none"><li>now, this sort of nonsense happens all the time with government contracts &amp; everyone knows it.</li></ul>	-0.1661	0.296
9676	<p>however, in this case, it is money diverted from making life multiplanetary, which is the goal of spacex, vs the ula goal of maximizing dividends to lockheed &amp; boeing.</p> <p>not ok.</p>	-0.1661	-0.128
9677	@erdayastronaut impressive	-0.1661	0.5106
9678	@xhnews the economic prosperity that china has achieved is truly amazing, especially in infrastructure! i encourage people to visit and see for themselves.	-0.1661	0.8828
9679	@teslaownerssv @spacex i do live in a \$50k house, but not this specific one	-0.1661	0
9680	<p>@michilumin sorry for any confusion. dojo is a neural network training computer optimized for video (for self-driving).</p> <p>unless there is a predictable pattern to hashing scrypt (which we will not attempt to find), it will not be competitive with asic-based hashing.</p> <p>potatoes are delicious!</p>	-0.1661	0.296
9681	@rationaletienne @michilumin yeah, had great poutine in montreal. does feel like your life expectancy is dropping in real-time as you eat it, but awesome nonetheless.	-0.1661	0.9169
9682	@rationaletienne @michilumin of course, you can't take that literally – he meant the whole dairy industry	-0.1661	0
9683	stop gendering memes ... i mean mimes	-0.1661	-0.296
9684	release the doge! <a href="https://t.co/9bxcwqlihu">https://t.co/9bxcwqlihu</a>	-0.1661	0
9685	@a7imd it's like looking in a mirror	-0.1661	0.3612
9686	@ppathole c	-0.1661	0
9687	baby doge, doo, doo, doo, doo, doo, baby doge, doo, doo, doo, doo, doo, baby doge, doo, doo, doo, doo, doo, baby doge	-0.1661	0
9688	<p>@lifeboathq doubling diameter increases mass 4x, but difficulty of simultaneously building &amp; launching rocket of that size is &gt;&amp;gt;4x.</p> <p>in retrospect, &lt;9m diameter for starship might have been wise. current size is ~5200 ton stack mass &amp; ~7500 ton-f thrust, which is more than double saturn v.</p>	-0.1661	0.5994
9689	super heavy moves tomorrow <a href="https://t.co/qhg1sy046s">https://t.co/qhg1sy046s</a>	-0.1661	0.5994
9690	@_tomcross_ million tons to mars requires r r r	-0.1661	0
9691	<p>@astro_elliott @lifeboathq once you have rapidly reusable rockets of sufficient size to carry &gt;100 tons of payload, it is not clear that cost per ton to orbit/moon/mars improves with a larger rocket.</p> <p>aircraft, for example, have moved away from 747/a380 to 777, which has ~100 tons of payload.</p>	-0.1661	0.7579
9692	@thesheetztweetz will look pretty wild with a ship on top	-0.1661	0.6124

9693	@torybruno your company said the exact opposite in 2014 when it got a sole-source, uncompeteted \$11b dod launch contract. <a href="https://t.co/abd5whzdt">https://t.co/abd5whzdt</a>  in any event, expendable rockets are as relevant to the future as expendable aircraft. rapidly reusable rockets are all that matter.	-0.1055	0.0258
9694	@angelndevil2 @torybruno what is not well understood is that ula *still* has a monopoly carve-out for us government launches for which spacex is not allowed to compete, costing the taxpayer twice as much per launch than it should. this is obviously not real competition.	-0.1055	0.2732
9695	@renatakonkoly @thesheetztweetz @rookisaacman @johnkrausphotos @wapodavenport @blueorigin but can i pay in doge?	-0.1055	-0.1027
9696	@mrgreyev @dirtytesla @tesla when we need strange training examples, eg half a car on highway, tesla sim delivers.  also, accidents on autopilot are becoming rarer, so we need more close call examples.  for safety tests, autopilot sees dummy far away. emergency braking only needed for distracted drivers.	-0.1055	-0.6486
9697	@adamklotz_ @mrgreyev @dirtytesla @tesla sure. we can show them live. eerily realistic. maybe we should make a game.	-0.1055	0.3182
9698	@sciguyospace @wired wow, 14 years ago!	-0.1055	0.5859
9699	@thechemicalco might work	-0.1055	0
9700	<a href="https://t.co/g9f1p0bpr8">https://t.co/g9f1p0bpr8</a>	-0.1055	0
9701	@pcgamer dead space 2 was great	-0.1055	-0.0516
9702	@carlosv_resiste @pcgamer these days, i mostly just play polytopia, which comes free with every tesla! <a href="https://t.co/kvpavs2f8q">https://t.co/kvpavs2f8q</a>	-0.1055	0.6908
9703	congrats tesla team on over 200,000 car built & delivered in q2, despite many challenges!!	-0.1055	0.4902
9704	@ppathole @carlosv_resiste @pcgamer yeah, main story line is not that long. played at max difficulty, no aim assist, so didn't softball it. razor fight was insanely difficult.	-0.1055	-0.4404
9705	<a href="https://t.co/ogkhhrqqa">https://t.co/ogkhhrqqa</a>	-0.1055	0
9706	@pauljamil soft spot for olde roadster	-0.3319	0
9707	@f9block5 yes, updated ui coming with fsd wide release. all cars with fsd computer will have new "mind of car" view. all 3/y can be upgraded to have fsd computer.	-0.3319	0.4019
9708	@heyitsyashu caused by switching frequency of light source. surround video (multiple cameras, across several frames), improving fps & exposure setting tweaks solves this. all in fsd build.	-0.3319	0.5994
9709	@ppathole warren buffet ❤ sizzler buffet	-0.3319	0
9710	@somanywow @ppathole mass effect 2 was particularly great	-0.3319	0.659
9711	@lexfridman douglas adams ftw	-0.3319	0.4588
9712	<a href="https://t.co/tqz9qvcwh1">https://t.co/tqz9qvcwh1</a>	-0.3114	0
9713	@weddleandsons @tesla working with weddle and sons roofing has been a great collaboration for accelerating tesla solar roof installation!  this is a lot of work, as tens of millions of homes need solar roofs! if you are a roofing company, please consider adding solar roof to your offerings.	-0.3114	0.7506
9714	@jeff_foust accurate. show that falcon heavy addresses all use cases.	-0.3114	0
9715	high res landing falcon landing video <a href="https://t.co/8cpuh87jyv">https://t.co/8cpuh87jyv</a>	-0.3114	0
9716	@ppathole @spacex absolutely! staggeringly insane amount of work between now and then.	-0.3114	-0.4549
9717	@djsnm we could stretch the falcon heavy upper stage & increase this a lot, but th already covers all known payloads.  starship, especially with orbital refilling & dedicated deep space variants (no heatshield, flaps or header tanks) will take this up orders of magnitude.	-0.3114	0.6486
9718	<a href="https://t.co/o3bgafumdo">https://t.co/o3bgafumdo</a>	-0.3114	0
9719	supersonic shock wave	-0.3114	-0.3818
9720	@chrsg_nsf @djsnm yeah, that would be cool. also, using ship itself as structure for new giant telescope that's >10x hubble resolution. was talking to saul perlmutter (who's awesome) & he suggested wanting to do that.	-0.3114	0.8658
9721	@teslaownersde and by 2060, tesla production will exceed the mass of the universe!	-0.3114	0
9722	@tobyliliiiiiii @chrsg_nsf @djsnm yes	-0.3114	0.4019
9723	@tesmanian_com nikola tesla was born in croatia (to serbian parents)!	-0.3114	0
9724	@ezebronii @tesla expect rapid improvement with pure vision	0.1676	0.6124
9725	i love this 🎉🎉 <a href="https://t.co/uuyxslvdq7">https://t.co/uuyxslvdq7</a>	0.1676	0.6369
9726	also, the british legal system in 2021 <a href="https://t.co/ity6jyedlm">https://t.co/ity6jyedlm</a>	0.1676	0.128
9727	@teslaownerssv releasing beta v9 end of week	0.1676	0

9728	@wholemarsblog @teslaownerssv saturday	0.1676	0
9729	@agokimpian @vancity_tesla @wholemarsblog @teslaownerssv improved fsd screen. attempting to show the "mind" of the car.	0.1676	0.4767
9730	@jefftutorials @agokimpian @vancity_tesla @wholemarsblog @teslaownerssv depends on how the limited beta goes. if it goes well, maybe a month or so.	0.1676	0.0516
9731	@teslaownerssv beta 9 will start uploading at midnight california time on friday. bear in mind, it is still just a beta!	0.1676	0
9732	@newscientist finally some tongue	0.1676	0
9733	@wholemarsblog and also accelerates sustainable energy	0.1676	0.2732
9734	@rainmaker1973 an old video. ah, those were simpler times ...	0.1676	0
9735	@wholemarsblog i can sometimes be optimistic about schedules	-0.0643	0.3182
9736	@ccanonne_haha	-0.0643	0.4588
9737	@newscientist cartesian duelists	-0.0643	0
9738	@dogeofficialceo @newscientist 🎉🎉	-0.0643	0
9739	@dogeofficialceo @newscientist kinda true	-0.0643	0.3626
9740	@flcnhv this <a href="https://t.co/kxnyf6rdqs">https://t.co/kxnyf6rdqs</a>	-0.0643	0
9741	@flcnhv but also this <a href="https://t.co/t6r07qvql6">https://t.co/t6r07qvql6</a>	-0.0643	0
9742	@elonardom @wholemarsblog @franchiseap @kimpaquette @28delayslater @aidrvr @gfilche @hyperchangetv @teslaownerssv @rationaletienne 🎉🎉	-0.0643	0
9743	@whatsupfranks @flcnhv that is the impression that some have 🌎 traveling to another planet & building a self-sustaining city is not for the faint of heart. consider the sad case of chad (rip) <a href="https://t.co/dhxgi65pkg">https://t.co/dhxgi65pkg</a>	-0.0643	-0.296
9744	gas lit by gas light 💡	-0.0643	0
9745	tropic thunder is so good	-0.0643	0.4404
9746	listening to history of english podcast	-0.0643	0
9747	maybe that movie gaslit us all	-0.0643	0
9748	@vonbrauckmann sanskrit is ancient & amazing, but archaic sumerian is generally agreed to be oldest written language.  as for what was first spoken, it's hard to say, as no one wrote it down! so much history has been lost due to lack of writing (on something durable).  <a href="https://t.co/yv8deoonfq">https://t.co/yv8deoonfq</a>	-0.0643	0.2263
9749	@memesofmars @vonbrauckmann hard to beat the great pyramid!	-0.0643	0.5719
9750	@hiromichimizuno ❤ JP	-0.0643	0
9751	@teslany sigh	-0.0643	0.0258
9752	@mattwallace888 btc & eth are pursuing a multilayer transaction system, but base layer transaction rate is slow & transaction cost is high.  there is merit imo to doe maximizing base layer transaction rate & minimizing transaction cost with exchanges acting as the de facto secondary layer.	-0.0643	0.4215
9753	@matchasmatt @vonbrauckmann yes	-0.0643	0.4019
9754	autonomous spacex droneship, a shortfall of gravitas <a href="https://t.co/hnz5u7nxug">https://t.co/hnz5u7nxug</a>	-0.0643	0
9755	tesla solar roof + powerwall in major new housing development in austin <a href="https://t.co/u7njasfw2">https://t.co/u7njasfw2</a>	-0.0643	0
9756	solar + powerwall battery ensures that your home never loses power	0.1438	0.2411
9757	@astro_g_dogg @spacex absolutely	0.1438	0
9758	@electrekco @fredericlambert just add salt ...	0.1438	0
9759	@nextspaceflight yes	0.1438	0.4019
9760	@skorusark when even someone in california, home of silicon valley, needs internet so bad that they bolt a starlink dish to the hood of their car, you know there's a serious unmet need! <a href="https://t.co/wlceu4irjw">https://t.co/wlceu4irjw</a>	0.1438	-0.5859
9761	@teslagong @ppathole @mattwallace888 it won't need to reach visa speed, as regulated exchanges will act as de facto second layer.  but the perfect should not be the enemy of the good – it is still good to increase base layer transaction speed & lower base layer transaction cost.	0.1438	0.7351
9762	dragon returning from orbit <a href="https://t.co/mr2je4zsgr">https://t.co/mr2je4zsgr</a>	0.1438	0
9763	@stevehamel16 @thesheetztweetz @skorusark 💯	0.1438	0

9764	@summerlinark @wintonark technically, high voltage dc is the most efficient way to transmit electricity, but they lacked good power electronics back then	0.1438	0.6908
9765	fellowship of the raptors <a href="https://t.co/xz3rosfa2h">https://t.co/xz3rosfa2h</a>	0.1438	0
9766	@richardbranson @stephenathome @thegreatkhalid @cmdr_hadfield @kelliegerardi @virgingalactic will see you there to wish you the best	0.1438	0.7845
9767	@rationaletienne indeed, loki is quiet good	0.1438	0.4404
9768	@edisoneom @richardbranson @stephenathome @thegreatkhalid @cmdr_hadfield @kelliegerardi @virgingalactic only ever have	0.1438	0
9769	@vincent13031925 mind of car visualization will improve a lot in coming releases.  brightness/translucency indicate confidence of neural net in predicting any given object.  acid test is being able to assess with quick glance at screen if car fully understands environment.	0.1438	0.6705
9770	@280delayslater @karpatny accurate assessment.  btw, autopilot software is technically led by ashok, andrej & milan, but it's very much a "knights of the round table" structure.  there are so many talented engineers on autopilot/ai team & they decide for themselves what to work on. kinda like valve.	0.1438	0.6712
9771	@dirtytesla @vincent13031925 yeah, goal is to reflect reality, so screen render will become increasingly so	0.1438	0.296
9772	@erdayastronaut 😊	0.1438	0
9773	@erdayastronaut we are breaking ground soon on a second raptor factory at spacex texas test site. this will focus on volume production of raptor 2, while california factory will make raptor vacuum & new, experimental designs.	0.1438	0
9774	@erdayastronaut by "volume production", i mean 2 to 4 engines per day. that's super high volume for big rocket engines, but low volume by automotive standards.	0.1438	0.4215
9775	@erdayastronaut mcgregor	0.1438	0
9776	@gokuaurlius @erdayastronaut roughly 800 to 1000 per year. that's about what's needed over ten years to create the fleet to build a self-sustaining city on mars. city itself probably takes roughly 20 years, so hopefully it is built by ~2050.	0.1438	0.5859
9777	@austinbarnard45 thanks austin :)	0.1438	0.4404
9778	@watcherstank @erdayastronaut the challenges of operating at starbase left us with no choice but to put engine production in mcgregor	0.1438	0.0772
9779	@richardbranson @virgingalactic godspeed!	0.1438	0
9780	@richardbranson @virgingalactic congratulations, beautiful flight!	0.1438	0.8316
9781	@vincent13031925 final decision made earlier this week on booster engine count. will be 33 at ~230 (half million lbs) sea-level thrust. all engines on booster are same, apart from deleting gimbal & thrust vector actuators for outer 20.	0.1438	0
9782	@wapodavenvport spaceport design is cool	0.1438	0.3182
9783	@eliburton_ @tesla it will soon capture turn signals, hazards, ambulance/police lights & even hand gestures	0.1438	0.4939
9784	@driveteslaca @eliburton_ @tesla action will follow recognition soon thereafter. also, call will listen for sirens & alarms.	0.1438	0
9785	@antoniohm @flcnhv exacty	0.1438	0
9786	@greg16676935420 it's true, x is a toddler hodler. never once has he said sell!	-0.2860	0.4215
9787	@jeremyjudkins corporate-speak is human ambien	-0.2860	0
9788	@cleantechnica opp? <a href="https://t.co/muzdxkduxz">https://t.co/muzdxkduxz</a>	-0.2860	0
9789	@kimpaquette not yet, but they will. it's needed for full self-driving.	-0.2860	0
9790	@ercxspace @kimpaquette interesting idea	-0.2860	0.4019
9791	@owensparks_ @jeremyjudkins haha buzz corp – made of <del>100</del> buzzwords	-0.2860	0.4588
9792	⌚ <a href="https://t.co/z11qszty4v">https://t.co/z11qszty4v</a>	-0.2860	0
9793	@cgdavemac maybe if it sees a shiba inu, the car renders a dogecoin ...	-0.2860	0
9794	@dogeofficialceo 🚗	-0.2860	0
9795	loki is pretty good. basically, live-action @rickandmorty with a long romance ark.	-0.2860	0.8658
9796	@rogozin 🛰️	-0.2860	0
9797	those who attack space maybe don't realize that space represents hope for so many people	-0.2860	-0.0516
9798	@kale6360gmail i'm actually 3000 years old, but, at the risk of being immodest, i think i look good even for 2500 years! still have my original chariot license in papyrus ...	-0.2860	0.4767

9799	@astro_g_dogg took more work to make t9 booster reuse cost-effective than went into recovering it in the first place. this is an important point.  things finally clicked into place with block 5. my hat is off to everyone at spacex, nasa, space force, faa & suppliers who helped make it happen.	-0.2860	0.25
9800	@bluewalletio any money transmitter or other licenses needed to use this in usa?	-0.2860	0
9801	@younietyler @astro_g_dogg booster is more than half cost of mission. fairing is ~10%.	-0.2860	0
9802	@tobyliiiiiiii population collapse is what's actually happening https://t.co/pw589xhzzz	-0.2860	-0.4939
9803	@younietyler @tobyliiiiiiii i'm trying to set a good example!	-0.2860	0.4404
9804	@jamesharrisnow @flummery5 @justin deanlee @zaidjilani 🎉🎉	-0.2860	0
9805	@waitbutwhy indeed ... sigh	-0.2860	0.0258
9806	@preachy_spice it was richard's rental house, which overall is great, but i agree regarding the cabinets haha. this was 3am, day of flight. wasn't expecting this brutal pic of me to be posted, but oh well.	-0.2860	0.765
9807	@teslaownersebay @kristennetten @rationaletienne @evafoxu @johnnacrider1 @teslachillmode @codingmark @model3owners @wholemarsblog @austinteslaclub i'm trying to set a good example! population collapse is a much bigger problem than people realize and that's just for earth.  mars has a great need for people, seeing as population is currently zero.  humans are the custodians of other life on earth. let us bring life to mars!	-0.2860	0.2732
9808	@doge_southern @samtwits @teslaownersebay @kristennetten @rationaletienne @evafoxu @johnnacrider1 @teslachillmode @codingmark @model3owners @wholemarsblog @austinteslaclub me too!	-0.2860	0
9809	@doge_southern @samtwits @teslaownersebay @kristennetten @rationaletienne @evafoxu @johnnacrider1 @teslachillmode @codingmark @model3owners @wholemarsblog @austinteslaclub next baby will be a girl	-0.2860	0
9810	@michilumin @billym2k 48 61 68 61 20 74 72 75 65	-0.2860	0
9811	@isro congratulations! IN	-0.2860	0.5994
9812	@samtwits @teslaownersebay @kristennetten @rationaletienne @evafoxu @johnnacrider1 @teslachillmode @codingmark @model3owners @wholemarsblog @austinteslaclub this is a major problem! between civilization ending with a bang or a whimper, this trend suggests the latter.	-0.2860	-0.4019
9813	@samtwits @teslaownersebay @kristennetten @rationaletienne @evafoxu @johnnacrider1 @teslachillmode @codingmark @model3owners @wholemarsblog @austinteslaclub due to lack of banging, civilization might ended with a whimper! adult diaper sales growth is much higher than baby diaper sales growth. <a href="https://t.co/eyk3njnf6s">https://t.co/eyk3njnf6s</a>	-0.2860	0.4404
9814	some light reading with lil x <a href="https://t.co/mhj4gtypdo">https://t.co/mhj4gtypdo</a>	-0.1875	0
9815	@flcnhv yeah	-0.1875	0.296
9816	review of model s plaid by dan neil <a href="https://t.co/jy45vn8jnn">https://t.co/jy45vn8jnn</a>	-0.1875	0
9817	@crheller @spacex glad it's working! the sheer amount of work done by spacex engineering, production & launch teams is amazing.  ping should improve dramatically in coming months. we're aiming for <20ms. basically, you should be able to play competitive fps games through starlink.	-0.1875	0.9153
9818	@jack 🎉  a new laughing emoji on dms would be great	-0.1875	0.8074
9819	@adamklotz_ @aarons5_ @crheller @spacex more ground stations & less foolish packet routing will make the biggest differences.  looking at speed of light as ~300km per millisecond & satellite altitude of ~550km, average photon round-trip time is only ~10ms, so a lot of silly things have to happen to drive ping >20ms.	-0.1875	0.101
9820	@ppathole @adamklotz_ @aarons5_ @crheller @spacex laser links in orbit can reduce long-distance latency by as much as 50%, due to higher speed of light in vacuum & shorter path than undersea fiber	-0.1875	0
9821	@ppathole yeah	-0.1875	0.296
9822	@ajtourville @ppathole @adamklotz_ @aarons5_ @crheller @spacex similar to fiber optic. we are trying to ride the terrestrial fiber optic laser technology forcing function, but modified for use in vacuum.	-0.1875	0
9823	@ajtourville @ppathole @adamklotz_ @aarons5_ @crheller @spacex if we can do this successfully, then anything developed for ground/undersea fiber is automatically better in orbit	-0.1875	0.4404

9824	@jxcksweeney @jack good point	-0.1875	0.4404
9825	@kristennetten yup	-0.1875	0
9826	@adrianojinjapan @kristennetten yeah, i wuz running on almost no sleep	-0.1875	0.296
9827	@jpr007 not bad, although new model s has more range & faster charging. 3 & y should use long range version, as performance version is meant for max speed & handling, not max range.  supercharger network is being upgraded to 250kw to 300kw, so that will help too.	-0.1875	-0.2023
9828	@teslatino @klwtt @jpr007 tapering down charge rate is simply a physical thing that has to happen, as lithium ions bounce around what is an increasingly full “parking lot”.  just like a car parking lot, where it takes longer to find a spot when the lot is almost full.	-0.1875	0.3612
9829	@model3owners to be frank, there is always some chance that cybertruck will flop, because it is so unlike anything else.  i don't care. i love it so much even if others don't.  other trucks look like copies of the same thing, but cybertruck looks like it was made by aliens from the future.	-0.1875	0.9246
9830	@johnkrausphotos @spacex @portcanaveral version 3 of the spacex droneship. team did great work! will be epic to see the deep sea oil rigs converted to ocean spaceports for starship.	-0.1875	0.6249
9831	@bikmail3 @model3owners in end, we kept production design almost exactly same as show car. just some small tweaks here & there to make it slightly better.  no door handles. car recognizes you & opens door.  having all four wheels steer is amazing for nimble handling & tight turns!	-0.1875	0.7512
9832	@erdayastronaut @model3owners how about a wifi camera link?	-0.1875	0
9833	@frenchieep @karpathy fsd beta 9 is using the pure vision production code for highway driving. beta 10 hopefully (beta 11 definitely) will use one stack to rule them all – city streets, highway & complex parking lots.	-0.2165	0.7506
9834	@aarons5_ @frenchieep @karpathy yes	-0.2165	0.4019
9835	@erdayastronaut @spacex probably monday	-0.2165	0
9836	@austinteslaclub @spacex @austinbarnard45 @ppathole @teslaownersebay @bluemoondance74 @teslaownerssv @johnnacrider1 @teslany absolutely!	-0.2165	0
9837	@rationaletienne @etherkragg those are major factors	-0.2165	0
9838	@enn_nafnlaus @jpr007 @teslatino @klwtt indeed, but again like a parking lot, a battery having big “roads” tends to decrease number of “parking spaces” (ie stores less energy)	-0.2165	0.5584
9839	@teslany do you even press?	-0.2165	0
9840	@ercxspace @nasaspaceflight @spacex very accurate!	0.0768	0
9841	@ercxspace @nasaspaceflight @spacex some of these design trades are still open, but will be resolved soon	0.0768	0
9842	@facebookai to date, ai chatbots have had a rather short mth (meantime to hitler) score. tay was ~16 hours. <a href="https://t.co/fnwmxgpzji">https://t.co/fnwmxgpzji</a>	0.0768	0
9843	@valaafshar even smaller to a @neuralink chip	0.0768	0
9844	@fael097 pure coincidence!	0.0768	0
9845	@tonytesla4life @wholemarsblog wide beta maybe with fsd rev 10, definitely with rev 11	0.0768	0.4019
9846	@jefftutorials @tonytesla4life @wholemarsblog yes	0.0768	0.4019
9847	@techau roughly	0.0768	0
9848	@charly923407591 @techau haha	0.0768	0.4588
9849	<a href="https://t.co/d4zoskzesp">https://t.co/d4zoskzesp</a>	0.0768	0
9850	@riorahardi618 true	0.0768	0.4215
9851	@engineers_feed a classic	0.0768	0
9852	@lexfridman “all your basis points are belong to us” - fiat issuers	0.0768	0
9853	@ashleyillusion1 @lexfridman lil x is hodling his doge like a champ. literally never said the word “sell” even once!	0.0768	0.3612
9854	tap on the screen <a href="https://t.co/yppyj8v8df">https://t.co/yppyj8v8df</a>	0.0768	0
9855	@samtwits nice	0.0768	0.4215
9856	@trungtphan now, he can bench press a rhino	0.0768	0
9857	@valaafshar haha	0.0768	0.4588
9858	fred astaire is incredible. worth watching his movies. one of a kind.	0.0768	0.6486
9859	@engineers_feed there's a corner case where brick density is same density as water, reaching bottom due to momentum	0.0768	0.2023

9860	@billycrammer @tesla cool!	0.0768	0.3182
9861	@squawksquare current summon is sometimes useful, but mostly just a fun trick. once we move summon (plus highway driving) to a single fsd stack, it will be sublime.	0.0768	0.7184
9862	@waitbutwhy pohtaytohz	0.0768	0
9863	@valaafshar indeed	0.0768	0
9864	@artifactshub og hipster	0.0768	0
9865	@artifactshub and all-time hodl champion	0.0768	0.5994
9866	cybrrrtruck <a href="https://t.co/rdimfdyos6">https://t.co/rdimfdyos6</a>	0.0768	0
9867	@thepiggsboson problem 1st, theory 2nd is for sure way to go, as it establishes relevance, thus improving memory retention	0.0768	0.34
9868	@wholemarsblog you don't even need to touch the shifter in new s. auto detect direction will come as an optional setting to all cars with fsd.	0.0768	0
9869	@grimnut @tesla @wholemarsblog @dirtytesla haha	0.0768	0.4588
9870	@dragtimes @tesla nice	0.0768	0.4215
9871	@bitcoinmagazine @jack @cathiedwood during this talk, we will sing a cover of the final countdown by europe <a href="https://t.co/7yuxiw8dhd">https://t.co/7yuxiw8dhd</a>	0.0768	0
9872	@jack @bitcoinmagazine @cathiedwood sure, i have a ton	0.0768	0.3182
9873	full test duration firing of 3 raptors on super heavy booster!	-0.0133	0.3612
9874	@tlpn_official @spacex depending on progress with booster 4, we might try a 9 engine firing on booster 3	-0.0133	0.1027
9875	@spacepadreisle @spacex haha	-0.0133	0.4588
9876	@blueorigin best of luck tomorrow!	-0.0133	0.802
9877	@vincent13031925 great to hear!	-0.0133	0.6249
9878	@teslatino we created our own connector, as there was no standard back then & tesla was only maker of long range electric cars.  it's one fairly slim connector for both low & high power charging.  that said, we're making our supercharger network open to other evs later this year.	-0.1505	-0.0258
9879	@blueorigin congrats!	-0.1505	0.5267
9880	@aarons5_ @teslatino over time, all countries	-0.1505	0
9881	@sciguysspace nice	-0.1505	0.4215
9882	@model3owners ironic indeed, as i was at one point going to do my phd at stanford on high energy density capacitors for use in electric vehicles.  but lithium-ion has it covered. even with no advances in lithium-ion technology, it's possible to transition earth to sustainable energy.	-0.1505	0.4019
9883	@model3owners dry electrode is a key piece (one of many pieces) of the puzzle for lowering cost of lithium batteries.  that said, it has required an *immense* amount of engineering to take maxwell's proof-of-concept to high-quality, volume production & we're still not quite done.	-0.1505	-0.25
9884	@delta_v but, much more important, is that this *design* is capable of full & rapid reusability.  long way to go from design to making it actually fully & rapidly reusable with high payload, but at least success is *one* of the possible outcomes haha.	-0.1505	0.5271
9885	@therationalroot seriously, negative nominal interest rates!? what is the world coming to ...	-0.1505	-0.34
9886	@arkinvest @cathiedwood congrats cathie!	-0.1812	0.5267
9887	@teslaownerssv 🎉	-0.1812	0
9888	@wholemarsblog this will become very important over time	-0.1369	0.2023
9889	@drphiltill minimizing \$/ton to the surface of mars is the fundamental optimization	-0.1369	0.3818
9890	@mkbhd good review & fair critique.  in general with interfaces, all input is error. with each software update, the car's intuition will get better. you will need to press buttons less & less & it will know when to ignore accidental button presses.	-0.1369	0.4336
9891	@mkbhd also, the full self-driving interface renders across the whole display & it is incredible. the yoke enables an unobstructed view of the screen.	-0.1369	0
9892	@fredsterrrr @mkbhd no	-0.1369	0
9893	@samtwits @mkbhd tesla model s plaid is alien technology	-0.1369	0
9894	@madan3 but we are hopeful that there will be at least a temporary tariff relief for electric vehicles. that would be much appreciated.	-0.1369	0.7506
9895	@newscientist very impressive! @deepmind	-0.1369	0.5106

9896	@teslagong @madan3 if tesla is able to succeed with imported vehicles, then a factory in india is quite likely.	-0.1369	0.4939
9897	@pcgamer great game	-0.1369	0.6249
9898	@hassanaesthetic @pcgamer i couldn't do wow. awesome, but too much time required.	-0.1369	0.836
9899	@flcnhv @hassanaesthetic @pcgamer maybe i will. it's on pc now.	-0.1369	0
9900	@wholemarsblog @karpathy the feeling is mutual. but i can't emphasize enough that we work with an amazing team. the credit is theirs.	-0.1369	0.7845
9901	@austinteslaclub @cleantechnica that's the goal!	-0.0332	0
9902	@nasaspaceflight @bocachicagal more of a pathfinder test. actual payload bay door dimensions are still under debate. volume is ~1000 cubic meters. roomy ...	-0.0332	0
9903	@ppathole most people have no idea starship exists or how large this beast is!  body diameter (9m or 30 ft) is bigger than a 747 or a380. starship thrust & mass are more than double saturn v moon rocket.  making life multiplanetary means massive rockets. got to be done.	-0.0332	0
9904	@adamklotz_ @ppathole good idea. they are not easy to move over roads, which is why the factory is close to the launch site, but we will support a museum that wants a prototype if they take care of transport.	-0.0332	0.8934
9905	@nasaspaceflight @bocachicagal sure	-0.0332	0.3182
9906	@teslarati large pouch cells undergo significant volumetric changes at high state of charge.  even so, fire risk is probably less than gasoline cars. there are over 200,000 combustion engine car fires every year in us alone. it's literally in the name.  <a href="https://t.co/ujplb3ibzq">https://t.co/ujplb3ibzq</a>	-0.0332	-0.5719
9907	@whatsupfranks @teslarati the comments on this article are funny	-0.0332	0.4404
9908	being thanked by game npcs brought me real joy tbh <a href="https://t.co/43dkfyhhfu">https://t.co/43dkfyhhfu</a>	-0.0332	0.5859
9909	@evafoxu that was me after cyberpunk razor fight haha	-0.0332	0.1027
9910	@hammepain @evafoxu is the pope catholic?	-0.0332	0
9911	<a href="https://t.co/9tlumhnoc">https://t.co/9tlumhnoc</a>	-0.0332	0
9912	@engineers_feed haha	-0.0332	0.4588
9913	@trungtphan 🎯	-0.0332	0
9914	<a href="https://t.co/bykrwetu8z">https://t.co/bykrwetu8z</a>	-0.0332	0
9915	<a href="https://t.co/7cxkdap5kz">https://t.co/7cxkdap5kz</a>	-0.0332	0
9916	<a href="https://t.co/c3xc2j0k0o">https://t.co/c3xc2j0k0o</a>	-0.0332	0
9917	@brandobernicky 2 weeks	-0.0332	0
9918	@itsallrisky or does he? <a href="https://t.co/9zrivajtqo">https://t.co/9zrivajtqo</a>	-0.0332	0
9919	and finally <a href="https://t.co/tcgwmssyjay">https://t.co/tcgwmssyjay</a>	-0.0332	0
9920	@valaafshar @tesla tesla giga shanghai team has done amazing work!	-0.0332	0.5859
9921	@blkmdl3 @arctechinc @tesla several improvements coming via v9.1 on friday at midnight	-0.0332	0.3182
9922	@teslarati @klenderjoey <a href="https://t.co/yalajdtv9r">https://t.co/yalajdtv9r</a>	-0.0332	0
9923	@nasaspaceflight construction starts soon on a much larger high bay just north of current high bay	-0.0332	0
9924	@teslarati @klenderjoey i was at giga texas yesterday. team is making excellent progress. building will be almost a mile long when complete.	-0.0332	0.7579
9925	@aaronjoelgeorge @teslarati @klenderjoey the building is ~7 stores tall, so each "floor" is double size. hard to appreciate unless you're close.	-0.0332	0.3182
9926	@aaronjoelgeorge @teslarati @klenderjoey length will grow by ~500 ft over time	-0.0332	0
9927	@labpadre seriously, we're getting eaten alive. can't get to mars if the bugs eat us first.	-0.0332	0.2263
9928	@teslarati @klenderjoey norway has played a major role in supporting advent of electric vehicles!	-0.0332	0.6486
9929	@owensparks_ @labpadre austin now, but back at starbase tomorrow	-0.0332	0
9930	@rationaletienne 🎯 🎯 although to be fair, i dig my own grave a lot	-0.0332	-0.0772
9931	@frronconi @tesla @joannmoretti @fogle_shane @jolaburnett @jeroenbartelse @pawlowskimario @margaretsiegien @digitalcolmer @curieuxexplorer @shi4tech @hana_elsayyed @anand_narang @kalydeoo cool	-0.0332	0.3182
9932	@rainmaker1973 quaternions are important for orbital spaceflight	-0.0332	0.2023
9933	@wholemarsblog computers are absurdly more accurate than humans.  how long would it take for a human to render even one frame of a modern video game at low res? the computer will do high res at 120 frames per second. not a contest.	-0.0332	-0.2732
9934	@larrykellogg @dirtytesla @tesla that is the acid test	-0.0332	0
9935	@spacexmr amazing	-0.0332	0.5859
9936	the biggest bang theory	-0.0332	0

9937	<a href="https://t.co/wofkuxe3ps">https://t.co/wofkuxe3ps</a>	-0.0332	0
9938	@rich_teer @tesla we will try. preferable for tesla too, as they last so long. unlike other makers of cars, our goal is *not* to profit from service. best service is not needing service in the first place.	-0.0332	0.7964
9939	@djsnm indeed	-0.0332	0
9940	@gfilche ships are probably fine with iron cells, but aircraft need very high energy density for good range.  i'm not saying tesla will do aircraft – we have our hands full with cars & solar/battery power generation – just that max energy density is needed for aircraft.	-0.3012	0.7845
9941	@skorusark cars today are far more complex than model t, with a global supply chain that is vulnerable to force majeure risk.  like model t, supply chain for battery evs simply doesn't exist at massive scale, so must be built in parallel.  ideas are easy, production is hard.	-0.3012	0.25
9942	population collapse is potentially the greatest risk to the future of civilization <a href="https://t.co/vvn8kelts">https://t.co/vvn8kelts</a>	-0.3012	-0.0258
9943	@itsallrisky and that's just for earth! mars has zero human population. we need a lot of people to become a multiplanet civilization.	-0.3012	0
9944	@stevenmarkryan @heydave7 @teslapodcast @martinviecha fair enough	-0.3012	0.3182
9945	@rationaletienne @itsallrisky good thread	-0.3012	0.4404
9946	@spacexmr 🚀	-0.3012	0
9947	@truth_tesla tesla software team is excellent even when compared to the best software companies. this is a big deal, as cars are very much computers on wheels.	-0.3012	0.836
9948	@dimazeniuk @truth_tesla that's a low bar. carmakers have never valued software engineering highly, although vw is trying to change that.  i personally wrote software for 20 years & have huge respect for software engineers. tesla is on par with best software companies & is leader in real world ai.	-0.3012	0.8176
9949	@samtwits @engineers_feed i'm so dying to do a supersonic vtol electric jet! but i already have way too much on my plate. any more work and my brain will explode.	-0.3012	0
9950	@troyrubert @samtwits @engineers_feed i am already chewing on so much glass that i have chipmunk cheeks!	-0.3012	0
9951	haha <a href="https://t.co/pplzgxite">https://t.co/pplzgxite</a>	-0.1049	0.4588
9952	@djsnm orbital precession takes a long time. with starship & starlink v2.0, hopefully we can direct inject to target orbit.	-0.1049	0.4019
9953	@nicansuini 😊	-0.1049	0
9954	@heydave7 we don't have that many bitcoin, but it's close	0.1922	0
9955	@sawyermerritt at this point, just count atoms & dispense with nm	0.1922	0
9956	@teslarati these guys are either shady, 🤡 or both. i mean seriously there's a long list of companies to pick on before tesla ...	0.1922	-0.1779
9957	@wr4nygov haha ok, i will do the tesla shareholder meeting in a posh british accent	0.1922	0.6369
9958	@brookssterritt @liv_boeree nice	0.1922	0.4215
9959	@itsallrisky @teslarati 🤡	0.1922	0
9960	tesla ai day august 19th	0.1922	0
9961	@stevenmarkryan convincing the best ai talent to join tesla is the sole goal	0.1922	0.8979
9962	@openai dojo is designed for nn training. no emulation needed.	0.1922	0
9963	@aarons5 Yeah	0.1922	0.296
9964	@wholemarsblog @aarons5 True	0.1922	0.4215
9965	@rogozin congratulations!	0.1922	0.5994
9966	@peter_j_beck congrats!	0.1922	0.5267
9967	@ajtourville @lexfridman haha true. i talked to my friends about electric cars constantly in college.	0.1922	0.836
9968	@austinteslaclub @tesla @futurejurvetson @teslaforthe_win @teslany @evafoxu @co_tesla @gf4tesla @bentv_sh @gailalfa1 feels so long ago	0.1922	0
9969	completing feed system for 29 raptor rocket engines on super heavy booster <a href="https://t.co/uarwx2hytr">https://t.co/uarwx2hytr</a>	0.1922	0.5994
9970	@jaydev_chauhan Yeah, spacex team is cranking hard!	0.1922	0.2023
9971	@erdayastronaut raptor v2.0 is a major improvement in simplification, while also increasing thrust from ~185 tons to ~230 tons. long-term goal is engine cost below \$1000/ton of thrust.	0.1922	0.4588
9972	@djsnm so many tubes ...	0.1922	0
9973	@austinbarnard45 indeed, there are some giant mosquitoes around here!	0.1922	0

9974	@thesheetztweetz @brycespacetech @spacex @rosocosmos @arianespace @arianegroup @northropgrumman @rocketlab @ulalaunch @virginorbit @torybruno upmass is what matters. one starship will lift what all falcons did in q2 on a single flight.	0.0562	0.0258
9975	@rationaletienne @thesheetztweetz @brycespacetech @spacex @rosocosmos @arianespace @arianegroup @northropgrumman @rocketlab @ulalaunch @virginorbit @torybruno mass to orbit is the fundamental metric for making life multiplanetary	0.0562	0
9976	@worldandscience we are a pattern of ancient atoms	0.0562	0
9977	@wholemarsblog this should be clear to anyone who has experienced the tsd beta evolution.  self-driving requires solving a major part of real-world ai, so it's an insanely hard problem, but tesla is getting it done.  ai day will be great.	0.0562	0.7184
9978	@wholemarsblog a lot	0.0562	0
9979	@ppathole @tesla exactly	0.0562	0
9980	prometheus unbound <a href="https://t.co/mlagf9muub">https://t.co/mlagf9muub</a>	0.0562	0
9981	@ottogibeefcurry @waitbutwhy haha	0.0562	0.4588
9982	@teslarati @residentsponge only thing beyond ludicrous is plaid	0.0562	-0.3612
9983	@muratpak @archillect maximum set of possible future actions	0.0562	0
9984	@markgurman @tim_cook higgins managed to make his book both false *and* boring 🤦‍♂️🤦‍♂️	0.0562	-0.3182
9985	@jamesclayton5 @markgurman @tim_cook cook & i have never spoken or written to each other ever.  there was a point where i requested to meet with cook to talk about apple buying tesla. there were no conditions of acquisition proposed whatsoever.  he refused to meet. tesla was worth about 6% of today's value.	0.0562	0.2732
9986	apple app store fees are a de facto global tax on the internet. epic is right.	0.0562	0
9987	@spacex360 gao 🎧	0.0562	0
9988	@wholemarsblog actually, i like & use apple products.  they are just obviously overcharging with app store. i mean 30% fees for doing almost zero incremental work is completely unreasonable.  epic wouldn't bother processing their own payments if app store fees were fair.	0.0562	0.2815
9989	@renatakonkoly @wholemarsblog top feature request for sure	0.0562	0.4767
9990	@wholemarsblog normally, competitive pressure would force apple to lower fees, but apple & android have a duopoly on phones. when interface familiarity is taken into account, it's basically a monopoly.  the effective 30% sales tax apple charges is hidden from users or there would be an outcry.	0.0562	-0.1779
9991	@jefftutorials @wholemarsblog that's arguably a security issue, but allowing companies to use other payment options, especially for in-app purchases would be fair.  as soon as they allowed that, they would have to lower their fees.  as for the cost of reviewing apps for security, a fixed fee makes sense.	0.0562	0.4877
9992	@polarstarrose sorry, accidental tap!	-0.0080	-0.1531
9993	@adrianojinjapan @polarstarrose he does like to play with my phone. there are many confusing videos he has taken.	-0.0080	0.4588
9994	@flcnhv indeed. both cook & i have been clear publicly that we have never spoken or otherwise communicated. i tried to speak to him & he declined.  nor have i ever expressed any interest in running apple to anyone. cook is, all things considered, obviously doing an incredible job.	-0.0080	0.6808
9995	@marcushouse !!	-0.0080	0
9996	@doge_southern @markgurman @tim_cook yeah, liftoff is solid	-0.0080	0.4215
9997	@sawyermerritt if we are wrong, we are wrong. in this case, we were.	-0.0080	-0.7351
9998	@sawyermerritt tesla policy is never to give in to false claims, even if we would lose, and never to fight true claims, even if we would win.	-0.0080	0.2387
9999	@edjomko @samtwits it is pitch black. you are likely to be eaten by a grue.	-0.0080	0
10000	@erdayastronaut @spacex hadn't showered in several days. we are going hardcore with starbase surge.	-0.0080	0

10001	<a href="https://t.co/bcgby8iv5n">https://t.co/bcgby8iv5n</a>	-0.0080	0
10002	snatched from the sky by mechazilla	-0.0080	0
10003	@ercxspace @spacepadreisle @erdayastronaut yes	-0.0080	0.4019
10004	@ercxspace @spacepadreisle @erdayastronaut a wheel of cheese	-0.0080	0
10005	@eliburton_yup	-0.0080	0
10006	@rhensing @arctechinc two weeks (actually)	-0.0080	0
10007	@wdwspeakers @wholemarsblog pc desktop with latest graphics card, although i have a mac too. gigabyte laptop.	-0.0080	0
10008	@nextspaceflight stage zero, which is everything needed to launch & catch the rocket, is at least as hard as the booster or ship	-0.0080	0.0762
10009	@alandail @nextspaceflight will post once we have a decent simulation. our first design will probably be far from the bullseye.	-0.0080	0
10010	@wholemarsblog there is always a lot of cleanup after a major code release. beta 9.2 will be tight.  still some fundamentals to solve for beta 10, but now that we're pure vision, progress is much faster. radar was holding us back.	-0.0080	0.6808
10011	@davidnagysigang @rocketry_catboy maaaaaa. grid fin designs clearly work, but do they maximize payload? good chance that they do not.  something with much more drag to reduce terminal velocity & so reduce landing propellant might have better performance. not sure.  potential future optimization.	-0.0080	0.91
10012	@truth_tesla @consumerreports reason we hustled so much to get autopilot v1 out was that someone driving non-autopilot tesla fell asleep, crashed & killed cyclist (tesla driver was uninjured).  driver nonetheless sued us saying new car smell made him fall asleep (sigh). judge didn't agree.	-0.0080	-0.4404
10013	@doge_southern @truth_tesla @consumerreports they do	-0.0080	0
10014	@model3owners 370 tons	-0.0080	0
10015	@arctechinc we are doing releases every 2 weeks on friday at midnight california time	-0.0080	0
10016	@sluigi123 it really is all about the journey!	-0.0080	0
10017	@cmuratori @id_aa_carmack replacement rate is 2.1, so roughly 31 generations, but let's try to avoid this!	-0.0080	-0.296
10018	neuralink company bar <a href="https://t.co/e9xic5snk">https://t.co/e9xic5snk</a>	-0.0080	0
10019	@tobyliliiiiiii it is inspired by cyberpunk	-0.0080	0.4939
10020	@teslarati 🚀	-0.0080	0
10021	@engineers_feed i do spend a bit of time pontificating tbh	-0.0080	0
10022	installing starship booster engines for first orbital flight <a href="https://t.co/yhqrnfbclh">https://t.co/yhqrnfbclh</a>	-0.0080	0
10023	@rainmaker1973 first birds weren't real, now bugs aren't real either!?	-0.0080	0
10024	raptors on super heavy <a href="https://t.co/jjy1vfthnb">https://t.co/jjy1vfthnb</a>	-0.0080	0.5994
10025	@tesla4k @matanmazursky it was difficult	-0.0080	-0.3612
10026	@jonerlichman 2008 was an extremely tough year on every level	-0.1948	-0.2006
10027	@renatakonkoly @jonerlichman i was asked by a reporter if i was optimistic or pessimistic about spacex's future. that was my answer.	-0.1948	0.3182
10028	@stem_feed that's about right. civilization can be powered with a very small % of earth having solar panels.	-0.1948	0
10029	@ercxspace very close to real! arms are able to move during descent to match exact booster position.  catch point is off to side, in case catch fails – don't want to hit launch mount.  booster is transferred back to launch mount for next flight.  designed to have <1 hour turnaround.	-0.1948	-0.3612
10030	super heavy booster moving to orbital launch mount <a href="https://t.co/axadnxnm84">https://t.co/axadnxnm84</a>	-0.1948	0.5994
10031	@teslafruit thanks sandy!	-0.1948	0.4404
10032	@flcnhv pitch control requires more force than yaw & much more force than roll. also, grid fins closer to or in the wake of the booster are less effective.  however, pretty good aero control can technically be achieved with only 2 grid fins, with some effect on accuracy.	-0.1948	0.8245
10033	@erdayastronaut @ercxspace we stole the idea from karate kid	-0.1948	0

10034	@ppathole mars looks amazing	-0.1055	0.5859
10035	@teslaownerssv @nasa it's true	-0.1055	0.4215
10036	@teslaownerssv @nasa i do love nasa, always have	-0.1055	0.6369
10037	@teslaownerssv @nasa just want to say thanks to those in government who fight hard for the right thing to happen, despite extreme pressure to do otherwise.  therein lies the core goodness of the american state.	-0.1055	0.3156
10038	@teslaownerssv @nasa i thought we had lost for sure. we were just a tiny company back then, only 1 of 4 launches got to orbit & i had no money left. out of the blue, a few days before christmas, nasa calls to say we won.	-0.1055	0
10039	all 6 engines mounted to first orbital starship <a href="https://t.co/l5qnqrsg3d">https://t.co/l5qnqrsg3d</a>	-0.1055	0
10040	@aparanjape @erdayastronaut @spacex i do think that great design & engineering of products are critical, but manufacturing & supply chain require orders of magnitude more work	-0.1055	0.4215
10041	@austinteslaclub that is the goal. our official name is actually space exploration technologies. spacex is short form.	-0.1055	0
10042	moving rocket to orbital launch pad <a href="https://t.co/zzlixipd6m">https://t.co/zzlixipd6m</a>	-0.1181	0
10043	mechazilla will do this for future rockets, but it's not quite ready yet	-0.1181	0.4201
10044	@id_aa_carmack i have great admiration for john's engineering ability! what he did with armadillo was incredible.  i've tried to convince him many times to join spacex, but he has always declined (sigh).	-0.1181	0.8271
10045	if you're curious about tesla, spacex & my general goings on, @walterisaacson is writing a biography	-0.1181	0.3182
10046	@josh_bickett @walterisaacson maybe one day	-0.1181	0
10047	@andrewjwells @walterisaacson 🎉	-0.1181	0
10048	@lexfridman @walterisaacson yeah, they're all good, but i particularly liked his biography of ben franklin	-0.1181	0.8016
10049	@28delayslater 🎉	-0.1181	0
10050	@worldandscience makes sense	-0.1181	0
10051	@teslaownerssv @walterisaacson he's shadowed me for several days so far	-0.1181	0
10052	@cleantechica yeah, seems odd that tesla wasn't invited	-0.1181	-0.0258
10053	@id_aa_carmack it would be an honor to have you visit starbase	-0.1181	0.4939
10054	@squawkcnbc @secretarypete <a href="https://t.co/51brgaaots">https://t.co/51brgaaots</a>	-0.1181	0
10055	aiming to stack ship on booster today <a href="https://t.co/67ehwti57v">https://t.co/67ehwti57v</a>	-0.1181	0
10056	@arctechinc @potus irony indeed	-0.1181	-0.0516
10057	@nicansuini remaining tiles are on their way!	-0.1181	0
10058	winds are too high today. looks like wind speed will be low enough to stack early tomorrow morning.	-0.2305	0.1027
10059	@b280c_2 🌊	-0.2305	0
10060	@techvamp once mechazilla is operational, winds will rarely be an issue	-0.2305	0
10061	@chrisdungeon reality is total opposite of what detractors say! biggest challenge is recruiting enough people to build cars.  sf bay area essentially has negative unemployment, so people at our factory have several other job offers. if they weren't treated well, they would leave immediately!	-0.2305	-0.3612
10062	@jack_dmtwitter	-0.2305	0
10063	@austinbarnard45 total coincidence! also, booster height was originally 70m, but we eliminated a half barrel for manufacturing efficiency, so now it's ...	-0.2305	0.3612
10064	@ajtourville @tesla tesla automation (deutschland) built a specialized machine to wrap the rotor with carbon fiber at precise tension.  if too low, it would come loose at low temp, due to cte differences. if too high, it would snap at high temp & rpm.	-0.2305	-0.7783
10065	@ivanescobosa @ajtourville @tesla probably	-0.2305	0
10066	@nasaspaceflight ❤️	-0.2305	0
10067	starship fully stacked <a href="https://t.co/fs88rnsmfh">https://t.co/fs88rnsmfh</a>	-0.2305	0
10068	@jrosinski97 @spacex absolutely	-0.2305	0
10069	@thesheetztweetz dream come true	-0.2305	0.4215

10070	@thesheetztweetz 4 significant items.  - final heat shield tiles for ship - thermal protection of booster engines - ground propellant storage tanks - qd arm for ship  2 weeks.	-0.2305	0.2023
10071	@thesheetztweetz it is ~98% done, but the remaining tiles are unique shapes requiring machining	-0.2305	0
10072	@nasaspaceflight @bbcamos over time, we might get orbital payload up to ~150 tons with full reusability. if starship then launched as an expendable, payload would be ~250 tons. what isn't obvious from this chart is that starship/super heavy is much denser than saturn v.	-0.2305	0.6597
10073	@astro_elliott @nasaspaceflight @bbcamos inevitably	-0.2305	0
10074	@wholemarsblog @nasaspaceflight @bbcamos higher structural margins overall are needed for reuse, plus:  booster - grid fins for aero control - boostback & landing propellant tanks - protecting engines from entry loads  ship - body flaps for aero control - deorbit & landing propellant tanks - heat shield	-0.2305	0
10075	@bbcamos @nasaspaceflight ok	-0.2305	0.296
10076	@wholemarsblog @nasaspaceflight @bbcamos there is a reason no fully reusable orbital rocket has been built – it's an insanely hard problem.  moreover, it must be rapidly & completely reusable (like an airplane). this is the only way to make life multiplanetary.  efficiencies of scale is why starship is so large.	-0.2305	-0.0828
10077	minus the lifts <a href="https://t.co/kokdqyqymhn">https://t.co/kokdqyqymhn</a>	-0.2305	0
10078	@dr_thomasz @thesheetztweetz @spacex due to its size & ability to return science instruments even from deep space, starship will enable a whole new class of science missions	-0.2305	0.3182
10079	@kristennetten @spacex it will be exciting to see what new cultures humanity creates on other heavenly bodies!	-0.2305	0.4939
10080	@danaen803 @dr_thomasz @thesheetztweetz @spacex sure	-0.2305	0.3182
10081	an honor to work with such a great team	-0.2305	0.8074
10082	@teslaownerssv long time	-0.0693	0
10083	@brian_armstrong @markwarner agreed, this is not the time to pick technology winners or losers in cryptocurrency technology. there is no crisis that compels hasty legislation.	-0.0693	0.2732
10084	<a href="https://t.co/t6r96fglpg">https://t.co/t6r96fglpg</a>	-0.0693	0
10085	@id_aa_carmack @shivon always loved those empire state photos with people eating lunch out on the beam	-0.0693	0.5994
10086	@alex_avoigt !!	-0.0693	0
10087	@ercxspace @spacex @erdayastronaut 💧 💧	-0.0693	0
10088	@thesheetztweetz seems like too many cooks in the kitchen	-0.1439	0.3612
10089	@thesheetztweetz spacex could do it if need be	-0.1439	0
10090	@cleantechica important to bear in mind that production is as fast as the slowest part out of ~10,000 unique parts in a car	-0.1439	0.2023
10091	@lrocket @thesheetztweetz yeah	-0.1527	0.296
10092	@wapodavenport 16 flights is extremely unlikely. starship payload to orbit is ~150 tons , so max of 8 to fill 1200 ton tanks of lunar starship.  without flaps & heat shield, starship is much lighter. lunar landing legs don't add much (1/6 gravity). may only need 1/2 full, ie 4 tanker flights.	-0.1527	0
10093	@wapodavenport however, even if it were 16 flights with docking, this is not a problem. spacex did more than 16 orbital flights in first half of 2021 & has docked with station (much harder than docking with our own ship) over 20 times.	-0.1527	-0.4019
10094	@erdayastronaut yup	-0.1527	0
10095	@teslarati @residentsponge it's gonna be awesome	-0.1527	0.6249

10096	@teslarati @klenderjoey i'd recommend they get their first plant working. it's insanely difficult to reach volume production at affordable unit cost.	-0.1527	0.0258
10097	@wapodavenport somehow, this wasn't convincing ... https://t.co/qan8y6i5ys	0.0530	0.4019
10098	@spacex360 exactly	0.0530	0
10099	@spacex360 if lobbying & lawyers could get u to orbit, bezos would be on pluto rn	0.0530	0
10100	@alex_avoigt @sparkpaul @techhmt @teslarati @klenderjoey yup	0.0530	0
10101	@rationaletienne @erdayastronaut i hope i do	0.0530	0.4404
10102	@considercosmos @spacex booster & ship will return to orbital launch pad on monday (winds allowing). just finishing off some small plumbing & wiring, which is easier in high bay.	0.0530	0.4215
10103	@cathiedwood tesla makes cars for export in first half of quarter & for local market in second half.  as publicly disclosed, we are operating under extreme supply chain limitations regarding certain "standard" automotive chips.  most problematic by far are renesas & bosch.	0.0530	0.2732
10104	@wapodavenport note, should be "refill", not "refuel". ~78% of propellant is liquid oxygen, only ~22% is fuel.	0.0530	0
10105	@jefftutorials the staying power of a bad idea is astonishing	-0.1679	-0.5423
10106	@icannot_enough @stevehamel16 @spacex iron(y)man	-0.1679	0
10107	priority for residents of brandenburg & berlin, but also open to general public	-0.1679	0
10108	@ercxspace and ship will be caught by mechazilla too. as with booster, no landing legs. those are only needed for moon & mars until there is local infrastructure.	-0.1679	0
10109	@grimezszi will welcome death when it comes	-0.1679	-0.2263
10110	@l3nnybob @grimezszi preferably, on mars	-0.1679	0
10111	@c3lt_games @ercxspace yes on both counts. that would be a great outcome for civilization.	-0.1679	0.7783
10112	@jack twitter dm laughing emoji is nightmare	-0.2923	0.4939
10113	@999bpm @tesla_adri @wholemarsblog no amount of money can defy physics	-0.2923	0
10114	@jack 🎉	-0.2923	0
10115	@spacex360 pics or didn hapn ... oh	-0.2923	0
10116	@kristennetten vorfreude waldeinsamkeit	-0.2923	0
10117	@evafoxu @kristennetten natürlich	-0.2923	0
10118	@kspaceacademy @nasaspaceflight soon, mechazilla will have arms!	-0.2923	0
10119	@kristennetten https://t.co/msmrkymz2u	-0.2923	0
10120	@geekhotness 🙏	-0.2923	0
10121	@nextspaceflight touché	-0.2923	0
10122	@id_aa_carmack in the end, it's all about entropy	-0.2923	0
10123	@owensparks_ @spacex360 seriously	-0.2923	-0.1779
10124	@welrdphysics super agree!	-0.2923	0.7506
10125	@thesheetztweetz the sad thing is that even if santa claus suddenly made their hardware real for free, the first thing you'd want to do is cancel it	-0.2923	-0.128
10126	@trungtphan actual volume manufacturing, where cash in > cash out, is so damn hard most people have no idea	-0.2923	-0.25
10127	@sciguyspace i have great respect for kathy lueders	-0.2923	0.802
10128	@commianathan @sciguyspace same	-0.2923	0
10129	@rahul555gandhi @sciguyspace sorry, it's been pretty intense lately	-0.2923	0.4939
10130	@samonaro @trungtphan all models do make use of aluminum casting, but new y will be most advanced with 2/3 of body cast.	-0.2923	0.25
10131	@spexcast @trungtphan starship will be crushingly cost-effective for earth orbit or moon missions as soon as it's operational & rapid reuse is happening.  mars is a lot harder, because earth & mars only align every 26 months, so ship reuse is limited to ~dozen times over 25 to 30 year life of ship.	-0.2923	0.296
10132	@blkmdl3 @teslacharging major supercharger openings in west la coming soon!	-0.2923	0
10133	@teslaownersebay @austinteslaclub @janeidyeve @manic_marge @brookec_4 @kristennetten @owensparks_ @inelonwetrust_ @codingmark @whatsupfranks ❤️	-0.2923	0
10134	@fahriehrer @gef_clan @technikjuli 🎉 https://t.co/msbntkfhhp	-0.2923	0
10135	@marcushouse starship will enable humanity to become a multiplanet species	-0.2923	0
10136	@ign demolition man is coming true https://t.co/gdhibu5j9jh	-0.2923	0.4215
10137	mad respect for the makers	-0.2923	-0.0258
10138	@cnbc @cnbcmakeit i've been saying this for a while	-0.2923	0
10139	@slashdot solar/wind + batteries + electric cars is obviously the future	-0.2923	0
10140	@austindesisto we're working on enabling public access to our restaurant!	-0.2923	0

10141	@tesmanian_com "don't look here!"	-0.2923	0
10142	@ajtourville shower thoughts work best for me	-0.2923	0.6369
10143	@austinteslaclub @austindesisto we will make it happen!	-0.2923	0
10144	@artemis360_moon @spacex probably sooner	-0.2923	0
10145	@teslarati @rdanglephoto first orbital stack of starship should be ready for flight in a few weeks, pending only regulatory approval	-0.2923	0.6808
10146	@nickwhoward some unexpected last minute issues. should go out in next day or two.	-0.2923	0
10147	@nickwhoward improvements in 9.2: <a href="https://t.co/stmebq8v9c">https://t.co/stmebq8v9c</a>	-0.2923	0.3182
10148	@shawncarelli @nickwhoward 9.3, probably 9.4 & then maybe 10. significant architecture changes in 10. radar had us trapped in a local maximum, like a level cap.	-0.2923	0.2023
10149	@ostynhyss @nickwhoward beta 10 or maybe 10.1. going to pure vision set us back initially. vision plus (coarse) pure vision requires fairly advanced real-world ai, but that's how our whole road system is designed to work: nn's with vision.	-0.2923	0.7269
10150	@cleantechnica robyn is great	-0.2923	0.6249
10151	@mkbhd impressive	-0.1770	0.5106
10152	@kristennetten @martinviecha yes	0.0964	0.4019
10153	@delta_iv_heavy you can make anything fly haha	0.0964	0.4588
10154	@codingmark @tesla true	0.0964	0.4215
10155	@amyacker @lisajoynolan @reminiscence product ideas!	0.0964	0
10156	@erdayastronaut btw, there's a slight error with forward flap design. moving section is needed for control, but passive section is counter-productive, as it pushes nose backwards.  new design rotates fwd flaps more to leeward & further forward to improve moment arm. maybe ~120 deg apart.	0.0964	0.25
10157	@erdayastronaut @caspar_stanley probably slightly further forward, smaller, more inward. no funny looking static aero at top, as static aero no longer directly in flow.	0.0964	0.5325
10158	@engineers_feed 🚀	0.0964	0
10159	@adamhoov 🚀	0.0964	0
10160	@gerberkawasaki same	0.0964	0
10161	@erdayastronaut @caspar_stanley no, bottom static aero pushes engine section back, counteracting starship's low center of mass on reentry caused by the engine section.  aiming for 60 to 70 deg angle of attack during high heating portion of flight. don't want to reenter with engines blasted by plasma.	0.0964	-0.5994
10162	@vincent13031925 will make a big difference	-0.1536	0
10163	on now <a href="https://t.co/mhhogt7fdi">https://t.co/mhhogt7fdi</a>	-0.1312	0
10164	@teslaownerssv @westcoastbill we have almost all the pieces needed for humanoid robots, since we already make robots with wheels	-0.1312	0
10165	<a href="https://t.co/aiuidlihkk">https://t.co/aiuidlihkk</a>	-0.1312	0
10166	@model3owners it's a quintillion ( $10^{18}$ ) floating point operations per second – enough to simulate a human brain	-0.1312	0
10167	@dmitriytm3 @draecomino yes	-0.1312	0.4019
10168	<a href="https://t.co/eobhkqvfp">https://t.co/eobhkqvfp</a>	-0.1312	0
10169	@panamach2 @mansoor14769892 ممتاز <a href="https://t.co/rkib53zx6f">https://t.co/rkib53zx6f</a>	-0.1312	0
10170	do they even know about the delta variant!?	0.1084	0
10171	@thefavoritist @nasaspaceflight @bocachicagal @huslage true	0.1084	0.4215
10172	@futurejurvetson @tesla @karpathy pretty wild	0.1084	0.4939
10173	@wholemarsblog @futurejurvetson @tesla @karpathy bot is not directly on the path of accelerating a sustainable energy future, but it aspirationally improves the probability that the future is good	0.1084	0.7783
10174	@rationaletienne hopefully	0.1084	0.4019
10175	@yourfellowarab deep cut haha	0.1084	0.2263
10176	@lexfridman @karpathy my son asked if we would still speak english 7000 years from now. i said probably not. there was not even the faintest hint of english 7000 years ago.	0.1084	0
10177	@teslaownerssv i never said this!	0.1084	0
10178	@lexfridman summarized well	0.1084	0.2732
10179	@ppathole @spacex to extend the light of consciousness	0.1084	0.1779

10180	@teslagong @ppathole @spacex there is a profound difference between single-planet & multiplanet species.  if we are able to visit other stars one day, we may discover many long-dead single-planet civilizations.	0.1084	-0.6486
10181	@28delayslater @ppathole @spacex it's basically the plot of fallout: new vegas	0.1084	0
10182	the guns of august <a href="https://t.co/m7j2sjvnit">https://t.co/m7j2sjvnit</a>	0.1084	0
10183	@wholemarsblog @jimfarley98 @mrlevine fsd beta 9.2 is actually not great imo, but autopilot/ai team is rallying to improve as fast as possible.  we're trying to have a single stack for both highway & city streets, but it requires massive nn retraining.	0.1084	0.7906
10184	100k terminals shipped! <a href="https://t.co/q1vvqvmj2i">https://t.co/q1vvqvmj2i</a>	0.1084	0
10185	now serving US CA GB DE FR AT NL IE BE CH DK PT NZ AU	-0.1262	0
10186	@optimoprincipi ancient doges	-0.1262	0
10187	our license applications are pending in many more countries. hoping to serve earth soon!	-0.1262	0.4215
10188	@wholemarsblog nope	-0.1262	0
10189	@wholemarsblog @jimfarley98 @mrlevine just drove fsd beta 9.3 from pasadena to lax. much improved!	-0.1262	0.4767
10190	@rgvaerialphotos @spacex can't wait for new high bay!	-0.1262	0
10191	@28delayslater it's amazing by most standards, but we are aiming for 1000% safer than the average human driver	-0.1262	0.765
10192	@model3owners nothing's perfect haha	-0.1262	-0.6681
10193	@spacexmr 🚀🚀	-0.1262	0
10194	@wholemarsblog @kimpaquette in general, we overfit to sf bay area	-0.0634	0
10195	👉 <a href="https://t.co/lwg9ke6cjp">https://t.co/lwg9ke6cjp</a>	-0.1753	0
10196	@f9block5 we should be there with beta 10, which goes out a week from friday (no point release this week).  it will have a completely retrained nn, so will need another few weeks after that for tuning & bug fixes. best guess is public beta button in ~4 weeks.	-0.1753	0.6369
10197	@teslatruckclub nice	-0.1753	0.4215
10198	@wholemarsblog tesla china rocks!	-0.1753	0
10199	@wlopwangling ... is a hydrogen sonata	-0.1753	0
10200	@wholemarsblog beta 10 will be next-level	-0.1753	0
10201	@vincent13031925 this is a risk, but not yet a limiting factor	-0.1753	-0.2732
10202	@heydave7 2 weeks	-0.1753	0
10203	@sawyermeritt our intent with this pack is that product experience is roughly equivalent between nickel & iron.  i'd personally slightly opt for iron pack, as it wants to be charged to 100%, whereas nickel prefers ~90%.	-0.0360	-0.2023
10204	@wapodavenport turns out besos retired in order to pursue a full-time job filing lawsuits against spacex ...	-0.0360	0
10205	@1billionsubs @mskimmythompson @wapodavenport 🚀🚀	-0.0360	0
10206	@jgrano305 good point. we do have torque reduction if an obstacle is detected, but active braking would be better. prime directive is: do not crash.	-0.0360	0.7003
10207	@sciguysspace 😊	0.0539	0
10208	@ivanescobosa @gerberkawasaki yes	0.0539	0.4019
10209	@stevenmarkryan @gerberkawasaki pretty much	0.0539	0.4939
10210	@wholemarsblog good point	0.0539	0.4404
10211	@teslaownerssv sure	0.0539	0.3182
10212	@sawyermeritt don't want to be unreasonable, but maybe they should be required to deliver at least one vehicle per billion dollars of valuation *before* the ipo?	0.0539	0.0772
10213	@coffeetablesla @sawyermeritt yeah, we should tie autopilot driving style preference & various warning settings together in general	0.0539	-0.0516
10214	@samtwits @sawyermeritt ok	0.0539	0.296
10215	<a href="https://t.co/oxyneuzw18">https://t.co/oxyneuzw18</a>	0.0539	0
10216	flying over starbase <a href="https://t.co/posdg3piq8">https://t.co/posdg3piq8</a>	0.0539	0
10217	@teslaownerssv of course	0.0539	0
10218	@anduong_91 @morethan3dltd @marcushouse @olhzn @felixschlang black	0.0539	0
10219	falcon about to launch dragon to @space_station <a href="https://t.co/bdd3gxqxmc">https://t.co/bdd3gxqxmc</a>	0.0539	0

10220	@_rykllan @spacex @nasaspaceflight @felixschlang @marcushouse @bluemondance74 the rocket fleet grows	0.0539	0
10221	@cleantechnica exactly	0.0539	0
10222	@tdogewhisperer important	0.0539	0.2023
10223	@rainmaker1973 the beauty of physics (truth)	0.0539	0.7269
10224	@dougcoupland doffs 🤘	0.0539	0
10225	@truth_tesla @dougcoupland @grimepsz i added the archangel-12 part ... and obviously have a fondness for the letter x	0.0539	0
10226	@samtwits @truth_tesla @dougcoupland @grimepsz ~110k	0.0539	0
10227	spacex will try to catch largest ever flying object with robot chopsticks.  success is not guaranteed, but excitement is!  <a href="https://t.co/75ymgiwowe">https://t.co/75ymgiwowe</a>		
10228	@ppathole booster has 2 pins for lifting & catching, although maybe it's better to modify grid fins to take more load.  something will need to flip out from leeward side of top of ship to do same there. maybe it's part of fwd flaps, but prob not.  diff solutions for diff load paths.	0.0539	0.6597
10229	@astro_elliott @ppathole tank treads on the arms	0.0539	0
10230	stage zero	0.0539	0
10231	@nasaspaceflight hopefully first try with booster 5	0.0539	0.4019
10232	@robertiger am watching star wars: bad batch with lil baby x. waiting for season 2!	0.0539	-0.7964
10233	@wholemarsblog beta 10 coming soon!	-0.0787	0
10234	@jefftutorials thank for bringing this up. tesla will expedite service center openings. have you tried our mobile service that comes to you?	-0.0787	0.3612
10235	@sciguysspace true	-0.0787	0.4215
10236	no worries, situation is under control <a href="https://t.co/eukcgrdbpw">https://t.co/eukcgrdbpw</a>	-0.0787	0
10237	the dark side of onlyfans ... <a href="https://t.co/epmp1q62jn">https://t.co/epmp1q62jn</a>	-0.0787	0
10238	@johnkrausphotos big ass fans are great!	-0.0787	0.1531
10239	@spacexmr 🚀	-0.0787	0
10240	@ali_tesla585 @nykchannel this might be part of the problem: "gm is warning owners not to charge their bolts in or near their homes overnight" <a href="https://t.co/higo979oj7">https://t.co/higo979oj7</a>	-0.0787	-0.6249
10241	@coffeetabletsla @ali_tesla585 @nykchannel good point, agreed.	-0.0787	0.6124
10242	@itsallrisky 🎯	-0.0787	0
10243	@alex_avoigt sigh	-0.0787	0.0258
10244	@tryonset @alex_avoigt just figuring out the regulatory approval process	-0.0787	0.4767
10245	<a href="https://t.co/yut6ltz2b6">https://t.co/yut6ltz2b6</a>	-0.1046	0
10246	@marcushouse @bocachicagal @nasaspaceflight yup	-0.1046	0
10247	@sciguysspace he should consider spending some money on actual lunar lander hardware, instead of shady lobbyists	-0.1046	0
10248	@thesheetztweetz filing legal actions against spacex is *actually* his full-time job <a href="https://t.co/xifricq62k">https://t.co/xifricq62k</a>	-0.1046	0.128
10249	@djsnm @thesheetztweetz @johnkrausphotos @lylakohistany our satellites launching in next few months have inter-satellite laser links, so no local downlink needed. probably active in 4 to 6 months.	-0.1046	0.4019
10250	@djsnm @thesheetztweetz @johnkrausphotos @lylakohistany technically, data packets do not need to touch regular internet – data can flow from user terminal to satellite/s to user terminal	-0.1046	0
10251	@ashleevance maybe zap him on the head with our space lasers ...	-0.1046	0
10252	@thesheetztweetz @thom_astro @spacex @iss_research @space_station great shots by @thom_astro	-0.1046	0.6249
10253	@max9907826460 @teslarati team our new crane!	-0.1046	0
10254	@stianwalgermo @tesla @arkinvest @wholemarsblog @alex_avoigt @teslarati @teslapodcast @mortenlund89 @kristennetten norway ftw No ❤️	-0.1046	0.4588
10255	@thesheetztweetz they can shake their fist at the sky	-0.1046	0

10256	@kristennetten @stianwalgermo @tesla @arkinvest @wholemarsblog @alex_avoigt @teslarati @teslapodcast @mortenlund89 i was in the berlin paint shop talking to the team on my last visit. it's gonna be great!  but bear in mind that it takes about a year for a new factory to reach volume production. production is super hard work, which is why i have great respect for those who do it.	-0.1046	0.9423
10257	@archillect 🔍	-0.1046	0
10258	@samtwits @archillect 🎉	-0.1046	0
10259	fsd beta 10 rolls out midnight friday next week	-0.1248	0
10260	@vitalikbuterin what is love?	-0.1248	0.6369
10261	@blkmdl3 yes	-0.1248	0.4019
10262	@tobyliiiiiiii not sure, but maybe a few months. in general for any region, we need to make software work well, test it extensively & then get regulatory approval. if we could go faster while being safe, we would!	-0.1248	0.8555
10263	@vitalikbuterin <a href="https://t.co/efgqfcjs6s">https://t.co/efgqfcjs6s</a>	-0.1248	0
10264	@djsnm @thesheetztweetz @johnkrausphotos @tylakohistany processing is not an issue. lasers links alleviate ground station constraints, so data can go from say sydney to london through space, which is ~40% faster speed of light than fiber & shorter path.  also, no need for ground stations everywhere. arctic will have great bandwidth!	-0.1248	0.6249
10265	@thesheetztweetz @squawkstreet in general, i believe government should rarely impose its will upon the people, and, when doing so, should aspire to maximize their cumulative happiness. that said, i would prefer to stay out of politics.	-0.1248	0.5574
10266	@effinzach the robots are coming anyway, as boston dynamics videos clearly show.  i will not be able to ensure that robots made by other companies are safe, but i can try my best to do so at tesla.	-0.1248	0.9081
10267	@dogecoin_devs good progress. applying information theory to currency (which is just information), lower fees reduce noise & faster & more consistent sync time improve latency & jitter.	-0.1248	0.7506
10268	@archillect smoked ham	-0.1248	0
10269	@teslaaibot @effinzach ur welcome, pls be nice to the humans	-0.1248	0.7003
10270	@leastimalive @archillect 🎉 "i'm fkn tryin"	-0.1248	0
10271	@teslaownerssv and beta 10 is a step change improvement from what you have!	-0.0921	0.4588
10272	@limitingthe generally agree, but probability of thermal runaway is dangerously high with large pouch cells. tesla strongly recommends against their use.	-0.0921	0.5574
10273	@long_elon @limitingthe iron, the last element made in a star, appears likely to exceed nickel by 3:1 or more	-0.0921	0
10274	time is the ultimate currency	-0.0921	0
10275	@truth_tesla @limitingthe yes.  physics of large cells means distance from cooling loop to center of cell is high, so harder to prevent hotspots.  then, pressure & heat released from large cell in weak bag make it impossible to stop whole pack from burning.  pretty basic.	-0.0921	-0.0772
10276	@wholemarsblog @truth_tesla @limitingthe there are vast amounts of iron (and lithium) on earth, but much less nickel.  for global industry to scale battery production to ~10 twh/year, it needs to be mostly iron.  higher energy density of nickel only needed for very long range vehicles & aircraft.	-0.0921	0.2732
10277	@flcnhv @wholemarsblog @truth_tesla @limitingthe this is obv debatable, but i'd call anything with ~300 miles / ~500 km of true usable travel distance "long range", beyond that "very long range"	-0.0921	0.4215
10278	@flcnhv @jefftutorials that's one of my tests!	0.0175	0
10279	@renatakonkoly @flcnhv @jefftutorials many times	0.0175	0
10280	@stefanolaru worth it	0.0175	0.2263
10281	@latestengineer impressive!	0.0175	0.5106
10282	@saycheesedgtl and if it doesn't work, he's gonna sue death!	0.0175	-0.5994
10283	@rogozin thanks! what is your favorite tea?	0.0175	0.7096
10284	@wholemarsblog 🎉	-0.0912	0
10285	@ppathole that sums it up well!	-0.0912	0.2732

10286	@kristennetten cybertruck is not like the others	-0.0912	0.3612
10287	@samuelmehr <a href="https://t.co/lgwciwzu2w">https://t.co/lgwciwzu2w</a>	-0.0912	0
10288	@neuro_skeptic <a href="https://t.co/irc9ttn8na">https://t.co/irc9ttn8na</a>	-0.0912	0
10289	@neuro_skeptic it seems to be working ... <a href="https://t.co/te6ovu7iqq">https://t.co/te6ovu7iqq</a>	-0.0912	0
10290	@teslagong @neuro_skeptic are you the same today as you were yesterday?	-0.0912	0
10291	@slashdot just messin with ya haha	-0.0912	0.4588
10292	@28delayslater @slashdot am i a yoke to you? 😊	-0.0912	0
10293	@wholemarsblog expansion will be gradual, based on ensuring maximum safety	-0.0912	0.4215
10294	@wholemarsblog the build i'm driving right now is almost there. fsd 10 will blow your mind.	-0.0912	0
10295	@burkov maybe not, but it's 99% dot products	-0.3197	0
10296	tesla model s plaid just set official world speed record for a production electric car at nurburgring. completely unmodified, directly from factory. <a href="https://t.co/aaiftfw5ht">https://t.co/aaiftfw5ht</a>	-0.3197	0
10297	next will be modified plaid with added aero surfaces, carbon brakes & track tires (all things that can be done without tesla being in the loop)	-0.3197	0
10298	@aarons5_tesla doesn't have the bandwidth to do it, but there are some good third party mod shops	-0.3197	0.6808
10299	@blkmdl3 track software update probably a few weeks away (i know, i know haha). also waypoints & other things.	-0.3197	0.4588
10300	pov hardcore <a href="https://t.co/8smxegfpy7">https://t.co/8smxegfpy7</a>	-0.3197	0
10301	metallurgy rülz	-0.3197	0
10302	@teslarati @13ericralph31 @spacepadreisle booster static fire on orbital launch mount hopefully next week	-0.3197	0.0772
10303	@nuerburgring @tesla alter falter! dankeschön nürburgring, tesla wird geerht. <a href="https://t.co/onykitzkode">https://t.co/onykitzkode</a>	-0.3197	0
10304	@tgmettsfan98 @nasaspaceflight satellites with "lasers" in "space" [strokes white cat]	-0.3197	0
10305	@4sanjaymathew @thesheetztweetz @esa @aschbacherjosef @spacex @spireglobal exactly. getting paid by the government to launch payloads at much lower prices than competitors is not "government support".	-0.3197	0.128
10306	@wilkwilkerson @tgmettsfan98 @nasaspaceflight <a href="https://t.co/dvubydkacy">https://t.co/dvubydkacy</a>	-0.3197	0
10307	@nuerburgring @tesla great work by tesla team, with special thanks to tesla automation in prüm, who were critical to many high-performance parts of plaid!	-0.0783	0.8126
10308	@jefftutorials an early season episode of the tesla soap opera!	-0.0783	0
10309	@spacex these are v1.5 starlinks with laser inter-satellite links, which are needed for high latitudes & mid ocean coverage	-0.0783	0
10310	@teslarati @residentsponge highway stack is still production version, as it is more polished than fsd for now. single stack for all should release in 10.1.	-0.0783	0
10311	@timsweeneyepic didn't you sorta win? <a href="https://t.co/enu5oh9ogx">https://t.co/enu5oh9ogx</a>	-0.0783	0.5859
10312	@timsweeneyepic please challenge tim of apple to trial by combat 🤣	-0.0783	0.3818
10313	@billym2k 🤣🤣	-0.0783	0
10314	@teslaownerssv digital clock coming in 2 weeks	-0.0783	0
10315	@blkmdl3 @teslaownerssv three weeks	-0.0783	0
10316	@wholemarsblog to be fair, investors are giving us significant credit for achieving self-driving, given that tesla's valuation/production is very high compared to other automakers	-0.0783	0.7964
10317	@frenchieep think of beta 10 as enabling a significantly higher local maximum than beta 9	-0.0783	0
10318	@icannot_enough @garyblack00 with 10.1, it will creep forward with more confidence & quickly reverse back a little (just as a person would) if it sees danger	-0.0783	-0.5267
10319	@nedsir1 @jpr007 @gordonjohnson19 🤣	-0.0783	0
10320	@teslapodcast nice drive	-0.0783	0.4215
10321	@olionorbit falcon 9 is technically a heavy lift rocket. if flown as an expendable, payload to orbit is similar to delta iv heavy (~25 tons to leo). and starship is ~10 times bigger.	-0.0783	0
10322	@wholemarsblog this is written by ford/uaw lobbyists, as they make their electric car in mexico. not obvious how this serves american taxpayers. <a href="https://t.co/fuuxarhlby">https://t.co/fuuxarhlby</a>	-0.0783	0
10323	@blkmdl3 @wholemarsblog literally!	-0.0783	0
10324	@sirwoofofdoge @wholemarsblog 🤣🤣	-0.0783	0
10325	@wholemarsblog @potus (ahem)	-0.0783	0
10326	@dogeofficialceo @wholemarsblog @potus 🤣	-0.0783	0
10327	floki has arrived <a href="https://t.co/2miukb91ft">https://t.co/2miukb91ft</a>	-0.0783	0
10328	@28delayslater will do!	-0.0783	0
10329	@flcnhvy ok ok haha	-0.0783	0.7506
10330	@ppathole they are ... not yet friends	-0.0783	0.4767
10331	emojilution <a href="https://t.co/oxfigkpdko">https://t.co/oxfigkpdko</a>	-0.0783	0
10332	nicheman (power of appealing to niche audiences) strikes again hahaha	-0.0783	0.2732

10333	gravitas https://t.co/dyicmekxz7	-0.0783	0
10334	@boringcompany nice work!	-0.0783	0.4215
10335	whether it's stamp collectors in andorra or petticoat aficionados in lichtenstein, none can resist!	-0.0783	0
10336	@dogeshade deep	-0.0783	0
10337	@gfilche also, we need to figure out how to render voxel height of unknown objects in a way that isn't horrendous	-0.0783	0
10338	@gfilche i'm not saying there are ufos ... but there are ufos	-0.0866	0
10339	@patrick7111996 💧 💧	-0.0866	0
10340	@rationaletienne it has indeed become hard to find which platform has which show	-0.0866	-0.1027
10341	@thesheetztweetz @nasakennedy @spacex it is hard to overstate criticality of reusable rockets. no less important than reusable aircraft, cars or bicycles.  essential for humanity to become a multiplanet species & backup the biosphere.		
10342	watch countdown on netflix about inspiration4 mission launching today	-0.0029	0
10343	@inspiration4x @chrissembroski @rookisaacman @drsanproctor @arceneauxhayley it was an honor to wish you godspeed before you left for orbit!	-0.0660	0.7096
10344	@jeffbezos @spacex thank you	-0.0660	0.3612
10345	@richardbranson @spacex @inspiration4x thanks richard!	-0.0660	0.4404
10346	@teslaownerssv maneuverability is important for safety	-0.0660	0.5574
10347	@jack that's my safe word too	-0.0660	0.4404
10348	just spoke with @inspiration4x crew. all is well.	-0.0660	0.2732
10349	@pcgamer rip, sir sinclair. i loved that computer.	-0.0830	0.5994
10350	@xhnews congratulations on a successful mission!	-0.0830	0.8271
10351	@eliburton_ @spacex @zubinanary @myteslaadventur truth is stranger than fiction	-0.0830	0.3182
10352	good feedback from fsd beta 10 users! 10.0.1 point release rolling out now.  10.1 rolls out a week from friday with beta request button.	-0.0830	0.4404
10353	@oversheid next month	-0.0830	0
10354	@gf4tesla yes	-0.0830	0.4019
10355	@ivanescobosa beta button will request permission to assess driving behavior using tesla insurance calculator. if driving behavior is good for 7 days, beta access will be granted.	-0.0830	0.5994
10356	@stianwalgermo technology probably ready in a few months, thereafter limited by regulatory approval	-0.0830	0.5719
10357	@cleantechnica september will be interesting	-0.0830	0.4019
10358	@trungtphan the lesson from "tortoise & hare" is not that tortoises are faster, but rather that hares should not be complacent	-0.0830	0
10359	please add your voice to the public comments. support is greatly appreciated!  humanity's future on the moon, mars & beyond depends upon it.  thanks, elon https://t.co/5k6wda57ep	-0.0830	0.8883
10360	@teslany jay is right	-0.1465	0
10361	@erdayastronaut @inspiration4x yeah. we'd use our ka parabolics or laser links for dragon, starship or other spacecraft as soon as they got above cloud level.	-0.1465	0.296
10362	@hiromichimizuno ironically, yes at this time. fsd beta system at times can seem so good that vigilance isn't necessary, but it is. also, any beta user who isn't super careful will get booted.  2000 beta users operating for almost a year with no accidents. needs to stay that way.	-0.1465	0.8434
10363	moving at ~23 times speed of sound, circling earth every ~90 minutes https://t.co/ancsjfpirc	-0.1465	0
10364	@lrocket what propellant?	-0.1465	0
10365	@oza_shiv @lrocket 💧	-0.1465	0
10366	@ignaciobelieres @oza_shiv @lrocket "ignition!"	-0.1465	0
10367	@aristot21520213 @ray4tesla exactly	-0.1465	0
10368	@watcherstank @spacex 33	-0.1465	0
10369	@watcherstank @spacex with that, ship is basically begging for an extra 3 engines	-0.1465	0
10370	@wholemarsblog automatically drive to most obvious location unless occupant says otherwise	-0.1465	0
10371	@erdayastronaut @ppathole @vincent13031925 fully reusable rockets want high t/w to minimize \$/ton to orbit, because propellant cost actually matters	-0.1465	0.1689
10372	@spacex ❤️ 🌎 🌙 🌚 ❤️	-0.1465	0

10373	@samtwits @erdayastronaut @ppathole @vincent13031925 long chain hydrocarbons, like kerosene, have excellent volumetric energy density, but what you really want for rockets is best way to bind hydrogen, which is ch4.  also, easy to make & store ch4+o2 from co2+h2o, which are abundant on mars.	-0.1465	0.9456
10374	@slashdot sigh	-0.1465	0.0258
10375	@nevanread @a11electric it will be there	-0.1465	0
10376	@kittynouveau probably will trap a tesla with the production autopilot build, but won't work with fsd. using a ring of cones would stop fsd though.	-0.1465	-0.5423
10377	@brycespacetech still basically nothing compared to the orbital mass flux needed for a base on moon or mars	-0.1465	0
10378	@enn_nafnlaus @brycespacetech making life multiplanetary is an extremely hard, but not impossible, problem	-0.1465	-0.5657
10379	@teslagong @brycespacetech yes  no, but it will get refilled & maybe cargo transfer	-0.1465	0.4019
10380	@owensparks @chrissembroski one of my favorite movies	-0.1465	0.4588
10381	congratulations @inspiration4x!!!	-0.1465	0.5994
10382	@inspiration4x @arceneauxhayley @rookisaacman @drsianproctor @chrissembroski @stjude count me in for \$50m	-0.1465	0
10383	@austinteslaclub @tesla @teslaownersebay @teslaownersuae @evafoxu @leastimalive @teslaownerssv @gailalfa1 @live_munro @owensparks_ so few products that you truly love ❤️	-0.1465	0.7964
10384	@austinteslaclub @tesla @teslaownersebay @teslaownersuae @evafoxu @leastimalive @teslaownerssv @gailalfa1 @live_munro @owensparks_ i wish there were more	-0.1465	0.4019
10385	@stats_feed needs a little warming up	-0.1465	0.079
10386	@rhensing he's still sleeping	-0.1465	0
10387	@renatakonkoly @rhensing @johnkrausphotos absolutely	-0.1465	0
10388	@themarsociety @nasa some amount of cooperation would be good	-0.1465	0.4404
10389	@archillect looks fine. take 2 aspirin, call me in the morning.	-0.1465	0.2023
10390	@fivetweettsla @tesla_lion @archillect seems that way	-0.1465	0
10391	@wholemarsblog remarkable how few people realize this capability exists. many think it is 5 years away! with public beta rollout in coming weeks, awareness should improve dramatically.	-0.1465	0.7579
10392	@starbaservg not a tiny engine	-0.1465	0
10393	@blkmdl3 @wholemarsblog 7 days after approval to log driving style	-0.1465	0.4767
10394	@jason_hess_ @wholemarsblog yes	-0.1465	0.4019
10395	@teslagong @teslaownerssv @wholemarsblog no, has to be turned on by car owner	-0.1465	0
10396	@teslaownerssv @teslagong @wholemarsblog good	-0.1465	0.4404
10397	@tegmark nice work!	-0.1465	0.4215
10398	@teslaownerssv @tesla which games did they like most?	-0.1465	0.3612
10399	@austinteslaclub to be precise, completely & immediately reusable orbital rockets are the fundamental breakthrough needed to make life multiplanetary	-0.1465	0
10400	@ray4tesla tesla has not yet decided on a fourth gigafactory location	-0.1465	0
10401	just met with the @inspiration4x crew in florida to congratulate them in person. such great people!	-0.0609	0.6249
10402	@teslagong @inspiration4x yeah, a little oven for heating food & starlink wifi	-0.0609	0.296
10403	@carsonight not super surprising, given that internal combustion engine cars literally have "combustion" in the name	-0.0609	0.7184
10404	@teslaownersebay @teslagong @inspiration4x definitely upgraded toilets :) we had some challenges with it this flight.	-0.0609	0.4588
10405	@electricraph @28delayslater @kounistou good point, we could enable visualization before control. will enable that option hopefully next month.	-0.0609	0.6808
10406	@cybrtrkguy the regulatory process for approval to offer insurance is extremely slow & complex, varying considerably by state.  tesla is hoping to offer real-time (based on actual driving history) insurance in texas next month.  probably next year before we get approval in new york.	-0.0255	0.8505
10407	@ro_ma_vive @cybrtrkguy hopefully worldwide long-term, but insurance is a regulatory labyrinth/escape room!	-0.0255	0.5267
10408	@historyinpics tesla is the king of car farts!	-0.0255	0
10409	@rookisaacman @arceneauxhayley @drsianproctor @chrissembroski @inspiration4x @stjude great view of earth!	-0.0255	0.6249

10410	@evafoxu @chesternobs @truth_tesla exactly. giga shanghai makes cars for export in first half of quarter, then cars for far away parts of china, then cars for nearby parts of china.  net result is a crazy wave of deliveries end of quarter. it is tough on our team, so we're hoping to reduce the wave in q4 & q1.	-0.0255	-0.0258
10411	@evafoxu @chesternobs @truth_tesla logistics is underrated	-0.0255	0
10412	@wapodavenport we always do flight readiness reviews! this argument makes no sense.	-0.0255	-0.3612
10413	@simongerman600 @waitbutwhy @seppalavilleen birth rate collapse is the biggest threat to human civilization	-0.0255	-0.4939
10414	@sueorigin @sciguysspace that would break the nasa budget!	-0.0255	0
10415	@evafoxu @chesternobs @truth_tesla giga berlin will help a lot	-0.0255	0.4019
10416	@billym2k super important for doge fees to drop to make things like buying movie tix viable	-0.0255	0.7269
10417	@thesheetztweetz so pointy! <a href="https://t.co/xmrqkpmv0t">https://t.co/xmrqkpmv0t</a>	-0.0255	0
10418	@renatakonkoly @felixschlang @kathylueders @spacex @boeingsspace i didn't think so at the time	-0.1173	0
10419	<a href="https://t.co/4qnllqz75o">https://t.co/4qnllqz75o</a>	0.1628	0
10420	<a href="https://t.co/2jsf5htwcp">https://t.co/2jsf5htwcp</a>	0.1628	0
10421	@thesheetztweetz chris was an early employee of spacex, and made a significant contribution, but was not a cofounder	0.1628	0.2023
10422	fsd beta request button goes live tonight, but fsd 10.1 needs another 24 hours of testing, so out tomorrow night	0.0605	0
10423	@aarons5_yes	0.0605	0.4019
10424	@wholemarsblog very much a beta calculation. it will evolve over time to more accurately predict crash probability.	0.0605	-0.4019
10425	@teslarati @klenderjoey <a href="https://t.co/ln4rh9u99a">https://t.co/ln4rh9u99a</a>	0.0605	0
10426	@nick_stevens_gr haha so true of rocket engine development	0.0605	0.7003
10427	@renatakonkoly @erdayastronaut and booster used to be 70m, but this required an awkward half barrel width of steel, so now it's 69m	0.0605	0
10428	@sushihunter2 @pitt_geoff @rajz06 @tesla @everman we use no cobalt at all in most of our cars & tiny amounts in others (going to zero soon), whereas phones & laptops primarily use cobalt	0.0605	0
10429	@omespino 🎉	0.0605	0
10430	@cnunezimages @spacex well ya see we need to reach around the rocket to uhh ...	0.0605	0.296
10431	@bluemondance74 @nasaspaceflight @spacex "comes in discreet packaging"	0.0605	0
10432	@pcgamer true	0.0605	0.4215
10433	@kimpaquette a helpful case to consider, as the roads intersect at unusual angles	0.0605	0.4215
10434	@coffeetabletsla @kimpaquette ok	0.0605	0.296
10435	@alex_avoigt in an electric future, batteries are as essential to transport as oil is today	0.0605	0
10436	@rainmaker1973 illustrates why tesla sales will soon exceed mass of universe	0.0605	0
10437	@rainmaker1973 where is hitchcock when you need him?	0.0605	0
10438	@teslarati @klenderjoey "isis"	0.0605	0
10439	@scott_peak of course	0.0605	0
10440	@scott_peak cybertruck option package	0.0605	0
10441	@labpadre headed tank vent knocked off a few tiles	-0.1904	0
10442	@erdayastronaut @labpadre if tiles are not super thin, you get hot plasma "waterfalling" off edges of tiles, creating hotspots.  that said, i'm not entirely convinced that this couldn't be done with several overlapping scales of metal sheet with an insulator between scale armor & primary structure.	-0.1904	0.8439
10443	wow, lot of interest in fsd beta! plan is to roll out version 10.2 midnight friday, then on-ramp ~1000 owners/day, prioritized by safety rating.	-0.1904	0.8625
10444	@blkmdl3 first few days probably 100/100, then 99, 98, etc.	-0.1904	0
10445	apologies, 10.2 release will be a week from friday	-0.1904	0
10446	@sciguysspace @neopork85 @nasaspaceflight we aim to do the most for the least \$	-0.1904	0
10447	@slashdot this is a serious concern.	-0.1904	-0.0772
10448	@billym2k hamster has mad skillz!!	-0.1904	-0.4939
10449	@newfolderf @dogeofficialceo @billym2k 🎉	-0.1904	0
10450	@mortenlund89 really?	-0.0911	0
10451	@spacedotcom maxwell was incredible	-0.0911	0
10452	@thesheetztweetz spacex has sued to be *allowed* to compete, bo is suing to stop competition	-0.0911	-0.296
10453	@sciguysspace @verge 🎉	-0.1542	0
10454	@gfilche @freshjiva no guarantees, but i think it will. this is a big part of what i meant by tesla's long-term competitive advantage being manufacturing technology.	-0.1542	0.4019
10455	@pcgamer amd has been great to work with!	-0.1542	0.6249

10456	@labpadre proof was good!	-0.1542	0.4404
10457	@tesmanian_com that is the goal	-0.1542	0
10458	@astro_kimbrough @spacex hello @space_station, great pic! (that's me waving)	-0.1542	0.6249
10459	with https://t.co/45b5nubaxb & powerwall battery you are your own utility.		
	24/7 clean, sustainable electricity. https://t.co/tqaxqmsubd	-0.1333	0.4019
10460	@cstyles45 @tesla pushed a week to align with 10.2	-0.1333	0
10461	@rocketlab360 will be falcon 9 size sooner or later	-0.2362	0
10462	<a href="https://t.co/j58qkewdn9">https://t.co/j58qkewdn9</a>	-0.2362	0
10463	♥️♥️ congrats tesla team! ♥️♥️ <a href="https://t.co/mpfavepvvn">https://t.co/mpfavepvvn</a>	-0.2362	0.5267
10464	this is real btw	-0.2362	0
10465	@alex_avoigt manufacturing will be tesla's long-term competitive strength	-0.2362	0.5994
10466	amazing show about @inspiration4x mission! <a href="https://t.co/0nqua4jgiz">https://t.co/0nqua4jgiz</a>	-0.2362	0.5859
10467	@flcnhvvy @inspiration4x i really wanted to like it	-0.2362	0.4173
10468	@real_futurist @flcnhvvy @inspiration4x new dune is good	-0.2362	0.4404
10469	@28delayslater good point, will discuss with team. floki pic tomorrow.	-0.2362	0.4404
10470	@yoshikiofficial @benioff @netflix @time @hiromichimizuno @inspiration4x same	-0.2362	0
10471	@sawyermerritt i wish i had had the opportunity to talk to him	-0.2362	0.6705
10472	@waitbutwhy 🎯	-0.2362	0
10473	walk this way ... no, *this* way ... <a href="https://t.co/5dheoh9rke">https://t.co/5dheoh9rke</a>	-0.2362	0
10474	@vm_one1 lookin good ...	-0.2362	0.4404
10475	@ppathole tough choice – so many great movies –but spaceballs for me	-0.2362	0.5574
10476	@thestonkjunku awesome, effortless ordering is our goal :)	-0.2362	0.6249
10477	@stianwalgermo @tesla @wholemarsblog wow!	-0.2362	0.5859
10478	floki frunkpuppy <a href="https://t.co/xar8t0jfdf">https://t.co/xar8t0jfdf</a>	-0.2362	0
10479	@teslarati @klenderjoey this was *extremely* difficult. huge props to tesla engineering, supply chain, production & key suppliers.	-0.2362	-0.0553
10480	@cleantechnica tesla always pays its debts	-0.1422	0
10481	@f_nela1 @teslarati 🎯🎯	-0.1422	0
10482	tsd beta 10.2 rolls out friday midnight to ~1000 owners with perfect 100/100 safety scores.  rollouts will hold for several days after that to see how it goes.  if that looks good, beta will gradually begin rolling out to 99 scores & below.	-0.0320	0.8555
10483	@sahilbloom try explaining it to a 17-month-old – that's hard!	-0.0320	-0.1027
10484	@teslaclubwi yes	-0.0320	0.4019
10485	@teslaclubwi note, quality of experience can vary dramatically, as our neural nets have far more training data in some parts of the country than others, but this should improve rapidly with more driving in those regions.	-0.0320	0.4404
10486	@jgrano305 everyone with a perfect score with get it. there are ~1000 owners with perfect scores. maybe 1100 to 1200 by friday night.	-0.0320	0.8126
10487	@probablyup long list of mostly little items, but driving experience is significantly better. we will put notable changes in the release notes.	-0.0320	0.4404
10488	@teslarati @13ericralph31 it's a big deal that dragon is reusable, with improved refurbishment efficiency with each passing flight! this is not the case for other orbital spacecraft.  it means the spacefleet grows every time a new dragon is made.	-0.0320	0.6808
10489	@lexfridman sure	-0.0320	0.3182
10490	@johnkrausphotos definitely further refinements coming to (early beta) safety test score. it will be refined continuously until it is an extremely good predictor of crash probability. exciting actuarial problem!	-0.0320	0.7363
10491	@gerberkawasaki haha true	-0.0320	0.7003
10492	@jc_comrade should be nationwide rollout by end of month. note, still limited by peak number of users in same area.  this will improve as more satellites are launched.	-0.0320	0.4215
10493	starlink is designed for low to medium population density, which means we can hit max users in some areas fast.  please sign up early to ensure a spot. as more satellites roll out, spacex will be able to serve more.  <a href="https://t.co/q1vvqvjm2i">https://t.co/q1vvqvjm2i</a>	-0.0320	0.4215

10494	@peterdiamandis i'm so dying to do a supersonic, electric votl jet, but adding more work will make my ☺️ 📈	-0.1989	0
10495	please consider joining tesla ai software or hardware teams! <a href="https://t.co/hgigdtenkn">https://t.co/hgigdtenkn</a>	-0.1989	0.3182
10496	sorry if we've been too dumb to respond to you. please cite evidence of exceptional ability in a few bullet points. nothing else matters.	-0.1989	-0.0191
10497	if you'd like to join tesla ai, but can't easily move to palo alto or austin, that is acceptable for extremely excellent candidates where inefficiency of distance is overcome by talent	-0.1989	0.9348
10498	@tesmanian_com exactly	-0.1989	0
10499	@model3owners so crazy to have come this far!	-0.1989	-0.34
10500	giga berlin-brandenburg spaß-party heute!	-0.0665	0.4019
10501	a few last minute concerns about this build. release likely on sunday or monday. sorry for the delay.	-0.0665	-0.3818
10502	@erwinlindeman20 das klingt nach "space party"	-0.0665	0.4019
10503	@teslaownerssv sunday/monday	-0.0665	0
10504	@truth_tesla it will hopefully achieve sustained cycle time of 45 seconds. at 75% uptime over an average week, that's ~10k/week if run 24/7.	-0.0665	0.4019
10505	@shortword yeah, headlights are precision led, so they can be bright without blinding oncoming traffic, pedestrians & cyclists	-0.0665	0.6249
10506	@wholemarsblog cells & fsd are massive, the rest is just beauty & romance ... but life is empty without those last two	-0.0665	0.765
10507	@flcnhv these are nice, but high time we built a really big tesla coil!	-0.0665	0.4215
10508	@gfilche physics ftw	-0.0665	0.4588
10509	@ppathole @spacex @4thfromourstar sure hope so!	-0.0665	0.6369
10510	@sawyermeritt @austinteslaclub hell yeah	-0.0665	-0.5267
10511	@cleantechnica it's true	-0.0665	0.4215
10512	@sofiaan @tesla team is in fact working hard! they just confirmed 10.2 is good to go tomorrow night.	-0.0665	0.3612
10513	@eggshellfriend i love alw! couldn't agree more. my dog marvin is havanese too, although i'm *his* emotional support human.	-0.0665	0.8555
10514	@jeffbezos 😊	-0.0665	0
10515	@bb_borisbrejcha @felixhohagen thanks for playing giga berlin!	-0.0665	0.5719
10516	@wholemarsblog it's coming	-0.0665	0
10517	@papapishu 🎉🎉	-0.0665	0
10518	@papapishu [puff, puff] what if the cure for cancer  [puff, puff] was in the leaf 🌿 ??  🌿🌿	-0.0665	0
10519	@wholemarsblog it will be available in perforated rolls	-0.0665	0
10520	beta 10.2 now rolling out to cars with 100/100 safety score over 100 miles	-0.0665	0.4215
10521	@coffeeexanarchy low occlusion gates are challenging, but should be fixed soon	-0.0665	-0.128
10522	@matty_mogul @tesla @karpathy just want to emphasize this is the work of hundreds of awesome engineers in both software & hardware, over 1000 data analysts & billions of owner miles	-0.0665	0.6597
10523	@28delayslater 🎉	-0.0665	0
10524	@wholemarsblog vision became so good that radar actually reduced snr, so radar was turned off.  humans drive with eyes & biological neural nets, so makes sense that cameras & silicon neural nets are only way to achieve generalized solution to self-driving.	-0.0665	0.7351
10525	@lexfridman not to mention warm-up latency	-0.0665	0.2263
10526	@nasaspaceflight starship is a hard problem	-0.0665	-0.4767
10527	@teslarati @writer_01001101 all the stairwells currently shown as wood-clad will actually have graffiti	-0.0665	0
10528	@nakamotoquotes beenz, beenz the musical fruit the more you eat the more you toot	-0.0628	0
10529	starship launch site <a href="https://t.co/1pnmpc57q2">https://t.co/1pnmpc57q2</a>	-0.0628	0
10530	@rgvaerialphotos yeah, on its way (sigh)	-0.0628	0.3182
10531	@cleantechnica but they should go electric now. less range, but so easy, quiet & clean.	-0.0628	0.651
10532	@sciguysspace yeah	-0.0628	0.296
10533	@teslaownerssv production, supply chain & logistics are so hard!	-0.0628	-0.1027
10534	@coffeetabletsla @alex_avoigt agreed. trying to get all the approvals needed to offer insurance is extremely difficult, but it's coming.	-0.0994	-0.1761
10535	@teslaownerssv @jonerlichman 😊	-0.0994	0
10536	@manic_marge @tesla always	-0.0994	0

10537	@jefftutorials @manic_marge @tesla maybe next week. we'd like to get to 10.3 before expanding the beta.	-0.0994	0.3612
10538	@univercurious @techinsider "lasers"	-0.0994	0
10539	@nasa @williamshatner godspeed captain	-0.0994	0
10540	@billym2k 🤖	-0.0804	0
10541	@timetravelart aspirationally for everyone	-0.0804	0
10542	@billym2k 🎯	-0.0804	0
10543	@billym2k 💯	-0.0804	0
10544	@teslacubla @philbrock4sm @samomayor @samomanager hoping to get this done soon	-0.0804	0.4215
10545	can't wait to be in genshin impact 🎮	-0.0804	0
10546	@1001000_1100100 @ppathole <a href="https://t.co/49ec0mw24p">https://t.co/49ec0mw24p</a>	-0.0804	0
10547	@ppathole many great suggestions in this thread!	-0.0804	0.6249
10548	@jayinshanghai @brc06 @tesla @teslacharging @teslacn they will	-0.0804	0
10549	@wr4nygov @tesla @lucidmotors @rivian these are strange days	-0.0804	-0.2023
10550	@harrison_astro yes, we are talking to airlines about installing starlink. please let them know if you want it on your airliner.  low latency ~half gigabit connectivity in the air!	-0.0804	0.4939
10551	@andrewkaylor @gfilche @wr4nygov @tesla @lucidmotors @rivian 🎯	-0.0804	0
10552	@gfilche @wr4nygov @tesla @lucidmotors @rivian i hope they have a high pain tolerance. scaling production, supply chain, logistics & service is a world of hurt.	-0.0804	-0.5859
10553	@blueorigin congrats, was cool to send @williamshatner to space	-0.0804	0.6908
10554	@teslarati @residentsponge haha	-0.0804	0.4588
10555	@nichegamer great game	-0.0804	0.6249
10556	@ppathole lasik has improved so many people's lives!	-0.0804	0.4767
10557	@archillect fan art is the best	-0.0804	0.7579
10558	@astrodebora @archillect pretty much :)	-0.0804	0.4939
10559	beta 10.3 releasing friday next week to all cars with 99/100 safety score	0.0593	0.4215
10560	@teslaownerssv technical details will be in release notes	0.0593	0
10561	@bradsferguson @mediaredyns @redmetalgiraffe correct	0.0593	0
10562	@vicentes @bradsferguson @mediaredyns @redmetalgiraffe we already have a giant, free fusion reactor in the sky called the sun. just catch it's energy with pv, store in battery & you're pretty much done.	0.0593	0.8225
10563	@stonksreddit 🎯	0.0459	0
10564	@mattwallace888 hopefully enough to extend life to mars	0.0459	0.5267
10565	@considercosmos @spacex thanks!!	0.0459	0.4404
10566	thanks cameron county, brownsville & south padre for your support! much appreciated. <a href="https://t.co/lazzfkxwag">https://t.co/lazzfkxwag</a>	0.0459	0.836
10567	@trungtphan maybe buffett should invest in tesla haha	0.0459	0.4588
10568	@lootster @trungtphan 🤚	0.0459	0
10569	@anythingtesla @tesla yeah	0.0459	0.296
10570	@harrison_astro we can do that partially, but detailed rocket technology is considered advanced weaponry (same tech as nuclear missiles), so there are more limitations than at tesla	0.0459	0.25
10571	(\_) ( •_• ) /&gt; 🦸	0.0459	0.2732
10572	i've thought about and ... i'm not sorry for party rocking	0.0459	0.34
10573	@billym2k 😊	0.0459	0
10574	@sawyermerritt as soon as major construction is done, so maybe in a few months	0.0459	0
10575	@teslaownerssv ❤️	0.0459	0
10576	@pcgamer good review	0.0459	0.4404
10577	@neuro_skeptic luck is the best superpower	0.0459	0.802
10578	<a href="https://t.co/g5ulisewx5">https://t.co/g5ulisewx5</a>	-0.2105	0
10579	@sciguysspace @shinodachan_i would gladly obey the chemtrails, but i don't understand what they are saying haha!	-0.2105	0.6597
10580	@long_elon @sciguysspace @shinodachan_ovaltine is amazing!	-0.2105	0.5859
10581	<a href="https://t.co/a0f22r5hv7">https://t.co/a0f22r5hv7</a>	-0.2105	0
10582	@engineers_feed 🎯	-0.2105	0
10583	@spacexmr 🎯	-0.2105	0
10584	@adamhoov they're required by law, but designed to be easy to remove by owners	-0.2105	0.4404
10585	@wr4nygov @potus odd	-0.1010	-0.3182
10586	@thesheetztweetz cgi irl	-0.1010	0
10587	@matchasmatt @nhtsagov objectively, her track record is extremely biased against tesla	-0.1010	0

10588	@justindross most big companies in tech have turned into places where talent goes to die	-0.1010	-0.2732
10589	@wintonark the day fsd goes to wide release will be one of the biggest asset value increases in history	-0.1010	0.34
10590	@jhong @sama nods	-0.1010	0
10591	@dirtytesla @tesla yup	0.2061	0
10592	@therealbuzz well-said, dr aldrin!	0.2061	0.2732
10593	@liv boeree absolutely	0.2061	0
10594	@teslaownerssv @therealbuzz most likely	0.2061	0
10595	@owensparks_ @teslaownerssv @therealbuzz yeah, when we're out of beta	0.2061	0.296
10596	@babytelsa3 @teslaownerssv @therealbuzz very soon	0.2061	0
10597	<a href="https://t.co/pco0nnztz">https://t.co/pco0nnztz</a>	0.2061	0
10598	@markgurman 🎉	0.2061	0
10599	@tsttwet noooo	0.2061	0
10600	@teslarati @residentsponge we are	0.2061	0
10601	@boringcompany beat the 🎊!	0.2061	0
10602	@teslany @boringcompany @tesla @maddiewhitetv this will be cool	0.0062	0.3182
10603	@erdayastronaut raptor has a very high chamber pressure, which in turn allows for a large expansion ratio nozzle without flow separation at sea level	0.0062	-0.296
10604	@erdayastronaut currently at ~270 bar, but working on upgrades to get it over 300 bar	0.0062	0
10605	@johnkrausphotos @erdayastronaut hopefully	0.0062	0.4019
10606	@tobyliiiiiiii @erdayastronaut no, we expect some tiles to shake loose during static fires	0.0062	-0.3182
10607	@teslaownerssv @erdayastronaut yeah, although early production cars will need camera upgrades, as well as fsd computer (all included in the price)	0.0062	0.5106
10608	@nicansuini @nasaspaceflight shaking out the problems (literally) haha	0.0062	0.0772
10609	@wholemarsblog exactly	0.0062	0
10610	@teslaownerssv @boringcompany it's gonna be great!	0.0062	0.6249
10611	@spacexmr tries to launch some rockets – accidentally summons dark lord	0.0062	0
10612	@cnunezimages @spacex @spaceintellige3 can i retweet this in cropped form?	0.0062	0
10613	@cnunezimages @spacex @spaceintellige3 i mean just the image	0.0062	0
10614	@cnunezimages @spacex @spaceintellige3 great!	0.0062	0.6249
10615	starbase under construction <a href="https://t.co/cfxjkvyjjy">https://t.co/cfxjkvyjjy</a>	0.0062	0
10616	@engineers_feed hey qt314 😊	0.0062	0
10617	@nichegamer 🎉	0.0062	0
10618	@slashdot squid game is squid game for isps	0.0062	0
10619	@uberfacts *in dogecoin	0.0062	0
10620	@tim_cook come see the apple cloth 🎉	0.0062	0
10621	regression in some left turns at traffic lights found by internal qa in 10.3. fix in work, probably releasing tomorrow.	0.4427	0
10622	@martinbowling yes	0.4427	0.4019
10623	your support makes a big difference! please let the faa know your opinion. <a href="https://t.co/4t3naemocr">https://t.co/4t3naemocr</a>	0.4427	0.6124
10624	@mishaboar @dogecoinfdn neither jared, nor me, nor anyone i know has anything to do with this foundation	0.4427	0
10625	@billym2k plus crypto scams haha	0.4427	0.4588
10626	@cleantechnica we live in a gerontocracy	0.4427	0
10627	@erdayastronaut got to 321 bar before rud, but cause may be due to oxygen inlet pressure too low, rather than engine issues	0.4427	-0.5106
10628	@kristennetten as requested	0.4427	0
10629	@teslagong @mishaboar @dogecoinfdn not recently. what matters imo is lowering fees, decreasing block time & increasing block size. a single layer network with exchanges as de facto layer 2 seems like the simplest solution for a medium of exchange.	0.4427	-0.4404
10630	@jchybow @wholemarsblog we're working on this issue right now	0.4427	0
10631	@itsallrisky @teslagong @mishaboar @dogecoinfdn possibly. bitcoin was conceived at a time of relatively low bandwidth & high latency. if both continue to improve substantially, we will reach a point when no second layer is needed.	0.4427	0.2263
10632	@shibainuhodler none	0.4427	0
10633	@billym2k @teslagong @mishaboar @dogecoinfdn 💯	0.4427	0
10634	@filasophical @shibainuhodler out of curiosity, i acquired some ascii hash strings called "bitcoin, ethereum & doge". that's it.  as i've said before, don't bet the farm on crypto! true value is building products & providing services to your fellow human beings, not money in any form.	0.4427	0.6369

10635	seeing some issues with 10.3, so rolling back to 10.2 temporarily.  please note, this is to be expected with beta software. it is impossible to test all hardware configs in all conditions with internal qa, hence public beta.	0.4427	0.3182
10636	@prothedoge lots of people i talked to on the production lines at tesla or building rockets at spacex own doge. they aren't financial experts or silicon valley technologists. that's why i decided to support doge – it felt like the people's crypto.	0.4427	0.6369
10637	@engineers_feed wasn't easy	0.4427	0.4404
10638	@dear_mmoon @engineers_feed 🎉	0.4427	0
10639	@phantomx91 maybe optimus will have a cat girl version ...	0.4427	0
10640	@ppathole @erdayastronaut raptor 2 has a larger throat diameter, so thrust is ~245 tons at 321 bar	0.4427	0
10641	although teams is pretty good	0.4427	0.7269
10642	@cryptowhale sclerotic democracy	0.4427	0
10643	naughtius maximus <a href="https://t.co/sad4slzt5d">https://t.co/sad4slzt5d</a>	0.4427	0
10644	10.3.1 rolling out now	0.4427	0
10645	@kimpaquette @hertz @tombrady that feature is coming	0.4427	0
10646	@sawyermeritt prototypes are trivial compared to scaling production & supply chain. if those are solved, achieving positive gross margin is the next nightmare.  starting a second new vehicle line before first is working will divide resources & amplify probability of failure.	0.4427	0.3182
10647	@coach23life @sawyermeritt indeed, this is intended to be useful advice, based on my extremely painful experience, not an attack in any way	0.4427	-0.5657
10648	wild \$t1mes!	0.4427	0
10649	@gerberkawasaki strange that moved valuation, as tesla is very much a production ramp problem, not a demand problem	0.4427	-0.7717
10650	@teslarati @klenderjoey sorry to tesla beta users for the trouble! issue turned out to be power saving mode interacting with fsd.  our internal qa fleet didn't see this, because cars are constantly in use, so very rarely enter power saving mode. internal qa will obv test this case going forward.	0.4427	-0.4588
10651	@richardmccrackn @ronwyden @jeffbezos exactly. eventually, they run out of other people's money and then they come for you.	-0.1474	0
10652	@cathedwood i don't know about long-term, but short-term we are seeing strong inflationary pressure	-0.1474	0.2732
10653	@gerberkawasaki to be clear, cars sold to hertz have no discount. same price as to consumers.	-0.1474	0.3818
10654	@cnunezimages @spacex @spaceintellige3 truth is stranger than fiction	-0.1474	0.3182
10655	@jackbox thanks 😊	-0.1474	0.4404
10656	@podcastnotes who is best at capital allocation – government or entrepreneurs – is indeed what it comes down to.  the tricksters will conflate capital allocation with consumption.	-0.1474	0.6369
10657	@cathedwood but the bee nails it again 🎉🎉 <a href="https://t.co/etdmxvryxz">https://t.co/etdmxvryxz</a>	-0.1474	0
10658	@ludalisl @sat1 @hertz german car manufacturers will rebound strongly. they possess great talent, which will not sit idle.	-0.1474	0.8402
10659	@ludalisl @sat1 @hertz also, tesla will soon be a german car manufacturer.	-0.1474	0
10660	@ppathole @tesla reducing traffic fatalities by 90% seems likely, perhaps ultimately by over 99%	-0.1474	0
10661	@quantamagazine another way of saying we're in a simulation	-0.1474	0
10662	@thebabylonbee i feel like this has happened at tesla a few times	-0.1474	0.3612
10663	@teslaownerssv wow, 13 years ago	-0.1168	0.5859
10664	@wapodavenport according to their own estimates, this tax only covers ~10% of the \$3.5 trillion spending bill.  where will the other 90% come from?  the answer is you.	-0.1168	0
10665	@jayinshanghai that math is incorrect, but still a lot of devices per second!  i guess if tesla can reach 20m cars/year, that would be one every ~1.5 seconds!	-0.1168	0.0258
10666	@pinkocat1 @wr4nygov @rbreiche @potus 💯	-0.0475	0

10667	@wholemarsblog tsd/ai team is doing great work. will get superhuman good in upcoming releases.  note, we will slow down upload rate of releases going forward. first from qa fleet to employee cars for a day, then slowly releasing at ~1000 cars/hr to external beta on friday aft.	-0.0475	0.7906
10668	@jgrano305 @wholemarsblog tentative plan is 98 & above starts uploading friday afternoon next week.  if we see any concerns, uploads will pause while we investigate, so might take a few days before everyone with 98 safety gets beta 10.4.  10.4 improves left turns across fast traffic & stopping for gates.	-0.0475	0.6124
10669	@tesla_raj you can also talk through the car speaker. great for practical jokes :)	-0.0475	0.7269
10670	@wapodavenport us national debt is \$26,500 billion or \$225k per taxpayer.  even taxing all "billionaires" at 100% would only make a small dent in that number, so obviously the rest must come from the general public. this is basic math.  spending is the real problem.  <a href="https://t.co/1ewwyqdvst">https://t.co/1ewwyqdvst</a>	-0.0475	-0.5994
10671	@dogeofficialceo @wapodavenport 🎉	-0.0475	0
10672	@wapodavenport us federal debt/gdp was 56% in 2000, now it is 126% & climbing fast	-0.0475	-0.3612
10673	@wapodavenport my plan is to use the money to get humanity to mars and preserve the light of consciousness	-0.0475	0
10674	@teslarati @residentsponge gm & chrysler were bailed out (money never repaid), but tesla was not.  crucial tesla investment actually came from daimler in 2009, from which they did very well.  tesla received govt energy efficiency loan in 2010, by which time capital markets reopened. loan was repaid early.	-0.0475	0.6908
10675	@teslahype @teslarati @residentsponge indeed, us taxpayers actually profited from the tesla loan	-0.0475	0
10676	@atnickvega @cnbcmakeit thanks for your support over the year @jayleno!	-0.0475	0.6808
10677	@thebabylonbee "tax experts said they're not sure if claiming unrealized donations is legal, but admitted it's all very confusing, as the government is printing fake money and taxing nonexistent profits and nothing is real anymore." 🎉	-0.0475	0.2732
10678	@rainmaker1973 cover story for godzilla obv	-0.0475	0
10679	@teslaownerssv @teslarati @residentsponge tesla always pays its debts	-0.0475	0
10680	@billym2k 💯	0.1033	0
10681	@cnunezimages @spacex @spaceintellige3 gateway to mars	0.1033	0
10682	@sawyermerritt we basically stole our product roadmap from spaceballs	0.1033	0
10683	@billhuang688 @daelmor 🎉	0.1033	0
10684	@rainmaker1973 we are so fluffy compared to a neutron star	0.1033	0
10685	am thinking of starting new university: texas institute of technology & science	0.1033	0
10686	it will have epic merch	0.1033	0
10687	@nichegamer that would rock	0.1033	0
10688	@stevenmarkryan obv	0.1033	0
10689	universally admired	0.1033	0
10690	@ray4tesla "tesla hertz shorts"	0.1033	0
10691	@kingmanninen nope, t is def first	0.1033	0
10692	@evafoxu <a href="https://t.co/xtiabey9rw">https://t.co/xtiabey9rw</a>	0.1033	0
10693	@evafoxu "a culture of corruption" – his words	0.1033	0
10694	@kimpaquette unfortunately, yes	0.1033	0.0772
10695	@insideevs thanks on behalf of tesla	0.2841	0.4404
10696	@helloimmorgan what gave it away!?	0.2841	0
10697	@nichegamer <a href="https://t.co/othrwebdeq">https://t.co/othrwebdeq</a>	0.2841	0
10698	@ppathole 🎉	0.2841	0
10699	@hsumacher @tesla indeed. the factory was empty at the time, stripped of all equipment that wasn't worth even its scrap value. but we salvaged what was left & fixed up the old machines so some could work again.	0.2841	0.3612
10700	@ercxspace @nasaspaceflight pretty close	0.2841	0.4939

10701	@drelidavid if wfp can describe on this twitter thread exactly how \$6b will solve world hunger, i will sell tesla stock right now and do it.	0.2841	0.2023
10702	@drelidavid but it must be open source accounting, so the public sees precisely how the money is spent.	0.2841	0
10703	@zaidjilani @joerogan @foxnews austin should be its city, not a san francisco copycat	0.2841	0
10704	@sawyermeritt @tesla by definition, since i own ~20% of tesla, ~80% of stock gains necessarily went to investors & employees!	0.2841	0.34
10705	@wfpchief @drelidavid please publish your current & proposed spending in detail so people can see exactly where money goes.  sunlight is a wonderful thing.	0.2841	0.3182
10706	@truth_tesla @zshahan3 @garyblack00 @wholemarsblog @sawyermeritt biden is a uaw 🤖 puppet	0.2841	0
10707	@truth_tesla @zshahan3 @garyblack00 @wholemarsblog @sawyermeritt https://t.co/dxy57kucmf	0.2841	0
10708	@truth_tesla @zshahan3 @garyblack00 @wholemarsblog @sawyermeritt https://t.co/wawkemvs5	0.2841	0
10709	@wfpchief @drelidavid what happened here? https://t.co/wwfbzurtdh	0.2841	0
10710	@garycruz @truth_tesla @zshahan3 @garyblack00 @wholemarsblog @sawyermeritt yup, 2nd uaw president in a row. unlikely to be the last.	0.2841	0
10711	@tesmanian_com sanjay deserves a lot of credit for making x/paypal succeed. now helping spacex serve rural communities in india. much respect.	0.2841	0.8779
10712	@spacepadreisle thanks!	0.2841	0.4404
10713	trial program for opening tesla superchargers to other evs has begun https://t.co/g4hpgrgl7d	0.2841	0
10714	@silverph @ring @tocnys @tesla @teslany 🤦	0.2841	0
10715	@martinkulldorff @joerogan @drjbhattacharya should be a term limit for these appointees	0.2841	0
10716	@forbes literally can't tell if this is real or deep fake 🤦🤦🤦	0.2841	-0.4767
10717	@forbes he looks good even for a 200-year-old!	0.2841	0.4404
10718	@adamhoov @forbes srslv	0.2841	0
10719	@dogeofficialceo @forbes 🤦	0.2841	0
10720	@flcnhv @adamhoov @forbes he talks like an npc with a limited dialogue tree	0.2841	0.1531
10721	@ppathole @spacex absolutely	0.2841	0
10722	@billym2k - everything on the internet is true! - externalize responsibility! - if you are able to do this, buy crypto!	0.2841	0.4215
10723	@shiraeis @billym2k it's simulations all the way down, until eventually it's just 1 bit	0.2841	0
10724	@hardcorehistory almost finished jünger's storm of steel. intense. great book.	0.2841	0.6597
10725	humankind 煮豆燃豆萁 豆在釜中泣 本是同根生 相煎何太急	-0.0284	0
10726	@teslaownerssv you're welcome:  if any of this is based on hertz, i'd like to emphasize that no contract has been signed yet.  tesla has far more demand than production, therefore we will only sell cars to hertz for the same margin as to consumers.  hertz deal has zero effect on our economics.	-0.0284	0.6124
10727	@arstechnica 💯	-0.0284	0
10728	@billym2k me!	-0.0284	0
10729	@tesmanian_com sigh	-0.0284	0.0258
10730	@tesmanian_com what they are doing is just not right	-0.0284	0
10731	@billym2k how about my lil doge floki? he would make a great ceo! his judgment is 🤪.	-0.0284	0.6249
10732	@teslaownerssv !	0.1125	0
10733	@billym2k 🤦	0.1125	0
10734	@billym2k 😊	0.1125	0
10735	yup, even the moon https://t.co/o9grgl4hpe	0.1125	0
10736	@billym2k so are tunnels	0.1125	0
10737	@roblynx haha true	0.1125	0.7003
10738	and mars https://t.co/gelbxjalsw	0.1125	0
10739	@gerberkawasaki not yet. they should just post their transaction ledger. must be somewhere.	0.1125	0
10740	@teslaownerssv cool :)	-0.1302	0.3182
10741	@alp_cp @gerberkawasaki 😊	-0.1302	0

10742	@blkmdl3 @jon4lakers @tesla probable	-0.1302	0
10743	@thesheetztweetz https://t.co/deqkttvs3u	-0.1302	0
10744	@teslarati @writer 01001101 in the future, any tesla you use will automatically sync to your preferences	-0.1302	0
10745	@billym2k hype^hype	-0.1302	0
10746	@jon4lakers @tesla we will post finer-grained details of software improvements going forward	-0.1302	0.3182
10747	@drelidavid seems that way. publishing their transaction ledger would clarify matters.	-0.1384	0.0258
10748	@realskywatcher @thesheetztweetz 🎉🎉	-0.1384	0
10749	@dogeofficialceo @billym2k 🎉	-0.1384	0
10750	@wholemarsblog some late-breaking issues with 10.4. we're deploying a patch to internal beta vehicles around 3am tomorrow.  if that goes well, we may be able to release 10.4 to external beta vehicles on sunday. many good improvements.	-0.0246	0.743
10751	@teslaownerssv haha true! the top alternate name, if we couldn't acquire the tesla motors trademark, was faraday, which a competitor ended up using.	-0.0246	0.765
10752	@billym2k i say this frequently	-0.0246	0
10753	much is made lately of unrealized gains being a means of tax avoidance, so i propose selling 10% of my tesla stock.  do you support this?	-0.0246	0.34
10754	@lifeplusreward @billym2k wrath of the khans @hardcorehistory	-0.0246	0
10755	i will abide by the results of this poll, whichever way it goes	-0.0246	0
10756	note, i do not take a cash salary or bonus from anywhere. i only have stock, thus the only way for me to pay taxes personally is to sell stock.	-0.0246	-0.1027
10757	* abide(n)	-0.0246	0
10758	roll them 🎲🎲 https://t.co/f2rxgcz964	-0.0246	0
10759	@rainmaker1973 tesla autopilot spends a lot of effort on minimizing jerk	-0.0246	0
10760	@trungphan 🎉🎉	-0.0246	0
10761	@wholemarsblog will consider	-0.0246	0
10762	@24_7teslanews @wholemarsblog we are rolling 10.4 out slowly, as there are many subtle hardware differences in the owner fleet. if it continues to look good over the next few days, we may start rolling out to 98 safety scores.	-0.0246	0.6908
10763	@wholemarsblog doing the opposite of whatever that insufferable numbskull says would be a great way to invest!	-0.0246	0.6249
10764	@emmett_osborne @wholemarsblog i was prepared to accept either outcome	-0.0246	0.3818
10765	@wholemarsblog 🎉	-0.0246	0
10766	@lexfridman exactly	-0.0246	0
10767	@wholemarsblog i had too many bottles of tesquila!	-0.0246	0
10768	@ronwyden why does ur pp look like u just came?	-0.0246	0.3612
10769	@slashdot .@wikipedia ahem	-0.0246	0
10770	@shawncarelli @ronwyden coming soon	-0.0246	0
10771	@brianferoldi @joerogan https://t.co/6hwai2yiy0	-0.0246	0
10772	@thesheetztweetz @brycespacetech @spacex @arianespace @arianegroup @rosocosmos @northropgrumman @ulalaunch @torybruno @isro @rocketlab actually, 41 tons for spacex in q3 & aiming for 80 tons in q4. that said, china launch mass to orbit is extremely impressive.	-0.0246	0.5563
10773	@erdayastronaut @thesheetztweetz @brycespacetech @spacex @arianespace @arianegroup @rosocosmos @northropgrumman @ulalaunch @torybruno @isro @rocketlab true	-0.0246	0.4215
10774	@erdayastronaut @thesheetztweetz @brycespacetech @spacex @arianespace @arianegroup @rosocosmos @northropgrumman @ulalaunch @torybruno @isro @rocketlab the starship fleet is designed to achieve over 1000 times more payload to orbit than all other rockets on earth combined.  almost no one understands this.	-0.0246	0
10775	@mishaboor important	-0.0246	0.2023
10776	@sciguysspace dragon enters like a shooting star	-1.0000	0.3612
10777	@wholemarsblog 11 lifetimes ago	-1.0000	0
10778	@lexfridman nothing matters	-1.0000	-0.0191
10779	@lexfridman (zero is a cool concept)	-1.0000	0.3182
10780	i have all their albums https://t.co/owqasjadde	-1.0000	0
10781	sometimes they're a little 2-dimensional https://t.co/eqfkgg9hzq	-1.0000	0
10782	@rainmaker1973 and that is a very tiny fraction of the ~4 megatons of mass that the sun converts to energy every second	0.2940	0.2732

10783	@space_station @spacex @commercial_crew @nasa @esa @jaxa_en @astro_kimbrough @astro_megan @thom_astro @aki_hoshide still blows my mind that this is real	0.2940	0
10784	@tenjin3/151 @space_station @spacex @commercial_crew @nasa @esa @jaxa_en @astro_kimbrough @astro_megan @thom_astro @aki_hoshide as described in the moon is a harsh mistress (great book), a linear accelerator would be great for the moon.  earth's gravity is too high & atmosphere too dense for accelerators to be a good solution vs reusable boosters imo.	0.2940	0.9246
10785	@sawyermeritt there are many other good causes, but this is my main reason for accumulating capital.  the resources i consume personally are very low.	0.2940	0.2023
10786	@rainmaker1973 interestingly, however, average power density of the sun is comparable to a compost heap (humans are more power dense than the sun) – it is just very, very big	0.2940	0
10787	@rainmaker1973 💧 💧	0.2940	0
10788	@sawyermeritt new uaw slogan: "fighting for their right to steal money from workers!"	0.2940	-0.4939
10789	@ppathole @spacex pattern on the starlink router is orbital transfer ellipse from earth to mars	-0.3539	0
10790	@samtwits i hope they're able to achieve high production & breakeven cash flow. that is the true test.  there have been hundreds of automotive startups, both electric & combustion, but tesla is only american carmaker to reach high volume production & positive cash flow in past 100 years.	-0.1988	0.8555
10791	@teslaownerssv @spacex ancient times	-0.1988	0
10792	@24_7teslanews @teslaownerssv @spacex hoping to start releasing to 98 scores with v10.5 in about 10 days	-0.1988	0.4215
10793	@teslaownerssv @24_7teslanews @spacex no guarantees, but maybe next month. requires quite a lot of incremental testing & code tweaks for different road system in canada.	-0.1988	0
10794	@nasaspaceflight good static fire with all six engines!	-0.1988	0.128
10795	@samtwits founding story of tesla as portrayed by eberhard is patently false. i wish i had never met him.  eberhard is by far the worst person i've ever worked with in my entire career. given how many people i've worked with over the years, that's really saying something ...	-0.1338	-0.34
10796	@teslaownerssv @samtwits he came damn close to killing tesla through a combination of bad management decisions, driving out talented people, bad engineering, major blunders in supply chain & an elaborate deception about the true cost & schedule of the tesla roadster.	-0.1338	-0.8402
10797	@teslaownerssv @samtwits once the board was presented with the evidence of eberhard's deception/fraud & the dire state of the company, all board members, including those he appointed, voted unanimously to fire him in august 2007.	-0.1338	-0.34
10798	@erdayastronaut it is a very impressive history	-0.1338	0.5106
10799	<a href="https://t.co/kppfsnuaf">https://t.co/kppfsnuaf</a>	-0.1338	0
10800	@spaceintellige3 @spacex @spaceXstarlink @nkknspace @homemdoespacobr @infographicctony @cnunezimages @spacex360 inter-satellite laser communications means starlink can carry data at speed of light in vacuum all around earth before touching ground.  over time, some amount of communication can simply be from one user terminal to another without touching the internet.	-0.1338	0
10801	@spaceintellige3 @spacex @spaceXstarlink @nkknspace @homemdoespacobr @infographicctony @cnunezimages @spacex360 should work everywhere for global maritime by roughly middle of next year (enough sats with laser links launched). until then, it will be patchy when far from land.	-0.1338	0.128
10802	129 orbital flights <a href="https://t.co/bjg4lnnfj">https://t.co/bjg4lnnfj</a>	-0.1338	0
10803	@slashdot tesla megapack batteries will help stabilize the grid this winter	-0.1338	0.4019
10804	@rainmaker1973 best plane ever	-0.1338	0.6369
10805	@_rykllan @spacex @nasaspaceflight @felixschlang @marcushouse @bluemoondance74 the rocket fleet grows	-0.1338	0
10806	@spacexmr such a beautiful day to launch	-0.1338	0.5994
10807	@jordanski20 @slashdot megapacks are deployed to stabilize the grid itself, especially effective for absorbing peak loads. they save consumers money. <a href="https://t.co/ajalfgm9pv">https://t.co/ajalfgm9pv</a>	-0.1338	0.7645

10808	@gailalfaratx @johnnacrider1 @wholemarsblog @teslaownervebay @rationaletienne @evafoxu @boxabl i've actually been living in a ~\$50k house in south texas for past 2 years, not boxabl (cool product tho). feels more homey to live in a small house.	-0.1338	0.3182
10809	@icannot_enough please don't read too much into this. as mentioned publicly, tesla is constrained by chip supply short-term & cell supply long-term.  not possible to produce additional vehicles in volume until both constraints are addressed.	-0.1338	0.2263
10810	@jonerlichman how about predictions for 2030?	-0.1338	0
10811	@heydave7 @wholemarsblog a careful observer would note that my (low basis) share sale rate significantly exceeds my 10b (high basis) option exercise rate, thus closer to tax maximization than minimization.	-0.1338	0.1779
10812	@sensanders i keep forgetting that you're still alive	-0.1338	0.3818
10813	@fermatslibrary soon, that list will grow much longer as humanity reaches new heights!	-0.1338	0.0516
10814	@sensanders want me to sell more stock, bernie? just say the word ...	-0.1338	0.0772
10815	@realtylerzed @sensanders 🎉	-0.1338	0
10816	@wholemarsblog exactly	-0.1338	0
10817	@consumerreports 📈	-0.1338	0
10818	@squawksquare @berniesanders 📈	-0.1338	0
10819	@ppathole @sensanders bernie is a taker, not a maker	-0.1338	0
10820	due to inflation 420 has gone up by 69	-0.1338	0
10821	@blockworks_inflation inflation is the most regressive tax of all, yet is advocated by those who claim to be progressive	-0.1338	0
10822	@sensanders ok, how much do you think is fair? does 53% seem reasonable?	-0.1338	0.5423
10823	@daelmor @sensanders how do we know he hasn't been kidnapped by aliens!?	-0.1338	0
10824	@daelmor @sensanders his stance on ketamine was bold <a href="https://t.co/th6arpkmv7">https://t.co/th6arpkmv7</a>	-0.1338	0.3818
10825	@dogeofficialceo @daelmor @sensanders regretamine, it's like a 100% tax on all your regrets!	-0.1338	0.3612
10826	@itsallrisky @sensanders agreed, taxes are best applied to (especially extravagant) consumption, whereas capital allocation taxes reduce goods & services output, so actually bad for the people.  probable capital allocation skill of heirs is lower than original creator, so i am in favor of an estate tax.	-0.1338	0.6808
10827	@teslaownerssv @kristennetten @itsallrisky @sensanders i had majority control for the first 5 years or so of tesla, but car companies need lots of capital, so now i'm around 20% or so, despite putting in as much as i could along the way	-0.1338	0
10828	@myalteredego @kedarus @collegechef1 @joeytparker @sensanders that loophole does seem questionable	-0.1338	-0.296
10829	@ppathole @teslaownerssv @kristennetten @itsallrisky @sensanders yes, that is the other major source of dilution. all employees receive stock after a year at tesla and we now have over 100,000 employees worldwide.	-0.1338	0.4019
10830	@paul49787221 @mooroobee @itsallrisky @sensanders exactly	-0.1338	0
10831	@billym2k normal money is actually a bunch of ancient mainframes running cobol in batch mode, where govt can edit money database whenever they want	-0.1338	0.0772
10832	@wapodavenport the hard work by faa, us fish & wildlife and texas parks & wildlife is much appreciated, as well as the strong local support from cameron county and brownsville / south padre!	-0.1338	0.875
10833	@business burry is a broken clock	0.2541	-0.4767
10834	@michaelromose @spurtmagoo @sarahksilverman @sensanders exactly	0.2541	0
10835	@futureistesla @michaelromose @spurtmagoo @sarahksilverman @sensanders i like to dig my grave real deep 🎉	0.2541	-0.0258
10836	@ryanzoohoury @tesla @teslacharging @blkmdl3 we are waiting for permit approval from santa monica	0.2541	0.4767
10837	@heydave7 accurate thread	0.2541	0
10838	@billym2k @heydave7 indeed. over time, tesla will generate hundreds of billions for the government in terms of employee income tax, product sales tax and property tax, in addition to profit taxation.	0.0632	0.4404
10839	12 million pounds of thrust at liftoff <a href="https://t.co/4arkgu4vff">https://t.co/4arkgu4vff</a>	0.0632	0
10840	@john_gardi true, although it will look clean with close out panels installed.  raptor 2 has significant improvements in every way, but a complete design overhaul is necessary for the engine that can actually make life multiplanetary. it won't be called raptor.	0.0632	0.8225

10841	@teslarati @13ericralph31 limiting factor for first launch is regulatory approval. thereafter, fundamental issue is solving engine production.  prototypes are easy, production is hard.		0.0632	0.7906
10842	@t1cnhv accept worst case outcome & assign it a probability, which is usually very low. now think of good things in life & assign them probabilities – many are certain!  bringing anxiety/fear to the conscious mind saps it of limbic emotional strength.  cheery fatalism is very effective.		0.0632	0.5423
10843	@wapodavenvport it does need people!		-0.1690	0
10844	talked about starship with national academies space studies board  <a href="https://t.co/wmsuqytnjg">https://t.co/wmsuqytnjg</a> <a href="https://t.co/ii5imhsguk">https://t.co/ii5imhsguk</a>		-0.1690	0
10845	my comments starts at 6:49 mark		-0.1690	0
10846	@astrodeven @spacex 🚀		-0.1690	0
10847	"we are choked with news and starved of history" – durant		-0.1690	0
10848	it is hard to find good sources of relatively objective news these days. any suggestions?		-0.1690	0.3612
10849	@mterrace @investor421 @wholemarsblog @28delayslater is this real?		-0.1690	0
10850	@thesimonevans grover gardner rocks		-0.1690	0
10851	@spacexmr 🚀		-0.1690	0
10852	@kimbleredshaw1 propublica should be bottom left		-0.1690	0
10853	@mayemusk sigh <a href="https://t.co/jvpi9zvzsc">https://t.co/jvpi9zvzsc</a>		-0.1690	0.0258
10854	@kimpaquette @mayemusk indeed		-0.1690	0
10855	@renatakonkoly @wr4nygov exactly		0.1386	0
10856	@renatakonkoly @wr4nygov it's great that they've changed their tune these days, but the truth is that gm tried damn hard to kill the electric car!  if not for competitive pressure from tesla, they would be doing nothing.  <a href="https://t.co/baa6mxvbrz">https://t.co/baa6mxvbrz</a>		0.1386	-0.4404
10857	@nasaspaceflight true		0.1386	0.4215
10858	@emtsla @nasaspaceflight yes		0.1386	0.4019
10859	@wholemarsblog 🚀🚀		0.1386	0
10860	@michaelgalanin @physicsj so fast and yet so slow		0.1386	0
10861	@balajis is he ever not grumpy!? <a href="https://t.co/2d9stgddvm">https://t.co/2d9stgddvm</a>		0.1386	0
10862	@rationaletienne @balajis if only he could find those chaos emeralds ... <a href="https://t.co/usb00o1y0u">https://t.co/usb00o1y0u</a>		0.1386	0
10863	@rationaletienne @michaelgalanin @physicsj that's what i was thinking too!		0.1386	0
10864	@rainmaker1973 💣 💣		0.1386	0
10865	@ppathole there were no ev incentives (nor did we expect them) & gasoline was super cheap, so tough to make the case for electric cars.  my guess was that we had <10% chance of success & most people thought 0%. the history car startups is just one big graveyard.		0.1386	0.886
10866	don't want to brag but ... i'm the best at humility		0.1386	0.6705
10867	@teslarati @residentsponge i suspect that article was written before the drive even took place		0.1386	-0.296
10868	@starshipgazer this launch mount is not easy to build		0.1386	0.4404
10869	@billym2k it's good to be open about ur vulnerabilities		0.1386	0.4404
10870	@inelonwetrust__ @residentsponge 🚀 ↗		0.1386	0
10871	@spacexmr tragically, it is not clear that the defense contractors can get to the moon for any amount of money.  more than \$200b has been spent on development of new us crewed space transport systems over past ~40 years, but only dragon is flying. development cost to nasa was <\$2b.		0.1386	0.4767
10872	@spacexmr .@nasawatch keith, is this about right?		0.1386	0
10873	@rainmaker1973 fractured but whole		0.1386	0
10874	@emtsla @rainmaker1973 hopefully tomorrow		0.1386	0.4019
10875	<a href="https://t.co/qoccnmxsz9">https://t.co/qoccnmxsz9</a> <a href="https://t.co/srfhbgz89m">https://t.co/srfhbgz89m</a>		-0.1376	0
10876	@hohocho @tesla checking ...		-0.1376	0
10877	a simpler time, it was <a href="https://t.co/rikkgfak1">https://t.co/rikkgfak1</a>		-0.1376	0
10878	@archillect <a href="https://t.co/jwk7gkavoq">https://t.co/jwk7gkavoq</a>		-0.1376	0
10879	@tesla_addicted one of the improvements to fsd vision involves training with actual photon counts, so removing the filters used to make pictures pretty to the human eye		-0.1376	0.7579

10880	@univercurious what my father's work looked like when i was growing up	-0.1376	0.4939
10881	@teslarati @spacex @rdanglephoto i love these shots	-0.1376	0.6369
10882	@wsbchairman bitcoin cures cancer	-0.1376	0
10883	@bradsferguson ...	-0.1376	0
10884	@astratx congrats! orbit is not easy.	-0.1376	0.743
10885	@teslaownerssv much has changed	-0.1376	0
10886	@teslaownerssv unfortunately, there is just no way to make a motorcycle safe. motorcyclist deaths per mile are ~29 times higher than car occupants. <a href="https://t.co/zu5haznfhe">https://t.co/zu5haznfhe</a>	-0.1376	0.128
10887	@manishm yup	-0.1376	0
10888	@starshipfairing @phrankensteyn @spacex @smvllstvrs @erdayastronaut @austinbarnard45 @nasaspaceflight @spaceX360 @ercxspace if earth's gravity was even 10% lower, i'd be all for single stage to orbit	-0.1376	-0.296
10889	@starshipfairing we are on the wrong planet for ssto. on mars, it is thankfully easy.	-0.1376	-0.0516
10890	@archillect <a href="https://t.co/76ooxazgay">https://t.co/76ooxazgay</a>	-0.1376	0
10891	@jasontallman @youtube interesting	-0.1376	0.4019
10892	@jasontallman @youtube i like the new direction cnn is going tho <a href="https://t.co/ixbsxn2car">https://t.co/ixbsxn2car</a>	-0.1376	0.3612
10893	@teslaownerssv @jasontallman @youtube i bounce around wsj, nyt, bbc, bloomberg, wapo & twitter generally.  better to follow individual journalists than publications, as there is a wide range of quality.	-0.1376	0.4404
10894	@laurenboebert @apple the irs already has dedicated audit teams for high net worth individuals.  the doubling of staff is for everyone else.	-0.1376	0.5994
10895	@theroland or perhaps some cheese 🍔 <a href="https://t.co/ybribp1kkp">https://t.co/ybribp1kkp</a>	-0.1376	0
10896	@davidsacks maybe they are npcs and tesla just isn't in their dialogue tree?	-0.1376	0
10897	@ppathole @theroland king of the who!? <a href="https://t.co/ujq94iw88">https://t.co/ujq94iw88</a>	-0.1376	0
10898	@davidsacks let's see if we can get them to say the word "tesla"!	-0.1376	0
10899	i aspire to comedy	-0.1376	0.3612
10900	@billym2k @davidsacks 🎶	-0.1376	0
10901	model s plaid is sickkkk!!!!	-0.1376	0
10902	at least 50% of my tweets were made on a porcelain throne	-0.1376	0
10903	it gives me solace	-0.1376	0
10904	@lexfridman 🎶	-0.1376	0
10905	@jayinshanghai probably around march	-0.1376	0
10906	@wholemarsblog serious allegations deserve serious responses 😢	-0.1376	-0.1531
10907	@billym2k @wholemarsblog 🎶	-0.1376	0
10908	@ercxspace @nasaspaceflight @spacex unlikely for early ships to splashdown intact. getting to orbit at all on first try would be a major win.	-0.1376	0.6808
10909	@ercxspace @nasaspaceflight @spacex long-term, ship would land on tower arms, like booster	-0.1376	0.3612
10910	@rainmaker1973 interesting eyes too	-0.1376	0.4019
10911	@teslaownerssv @boringcompany it's either traffic forever or tunnels. try our first operational tunnel in vegas at the convention center! the city just approved a full tunnel network, connecting major hotels, convention center & airport.	-0.1376	0.4215
10912	@cleantechica transforming america!	-0.1376	0
10913	@mickakers @teslaownerssv @boringcompany meant to say county (sigh). airport will be part of it, but required additional federal approvals.	-0.1376	0.0258
10914	@billhuang688 @teslaownerssv @boringcompany we do need to have the fallout-themed party! aiming to do that once international travel restrictions are lifted.	-0.1376	0.4019
10915	@rainmaker1973 the sheer physicality of changes in the brain during sleep or with serious neurodegenerative diseases is much higher than people realize	-0.4553	-0.0772
10916	@ashleydcan and i will talk to their manager!	-0.4553	0
10917	@wholemarsblog true	-0.4553	0.4215
10918	@ppathole ancient times ...	-0.4553	0
10919	@gfilche giga texas is epic	-0.4553	0
10920	@scottwww @vp @joebiden @potus @kamalaharris @petebuttigieg and all model s & x production for the world is still done in america, but who's counting	-0.4553	0
10921	@trungtphan 💧 🎶	-0.4553	0
10922	@engineers_feed hell of a rocket! probably would have succeeded if korolev had not died. hopefully, starship is more fortunate.	-0.4553	-0.5719
10923	@sirineati @engineers_feed yes	-0.4553	0.4019
10924	@wholemarsblog i was able to do several zero takeover drives around austin last night using random map pin drops (no tesla has ever done these routes)	-0.4553	0

10925	@coindesk @binance @egreechee hey @cz_binance, what's going on with your doge customers? sounds shady.	-0.4553	0
10926	@mishaboar wisdom	-0.4553	0.5267
10927	@binance @coindesk @egreechee @cz_binance doge holders using binance should be protected from errors that are not their fault	-0.4553	-0.6249
10928	@wholemarsblog our nns didn't have any temporal & spatial memory or surround video auto-labeling back then – everything was knitted together in c++ from single frames with manual labeling.  still much to improve.	-0.4553	0.4404
10929	@cz_binance @coindesk @binance @egreechee i don't use binance (tried at one point, but signup was too many hoops to jump through), so no inconvenience to me personally. just raising this issue on behalf of other doge holders.	-0.4553	-0.3612
10930	@wholemarsblog high-performance code is in c using our own compiler to maximize frame rate. we use python with custom libraries for fast prototyping, then convert to c for fast execution.  new software is run against real-world video & our world simulator to evaluate performance, then qa.	-0.4553	0
10931	@flcnhv @wholemarsblog it can simulate anywhere, but we need to focus on one region until fsd is out of beta, then expand geographically to have betas in other countries. canada is not a lot different from us, but different enough.	-0.4553	0.3182
10932	@cz_binance @coindesk @binance @egreechee sounds good	-0.4553	0.4404
10933	@wholemarsblog exactly (sigh)	-0.4553	0.0258
10934	@thesheetztweetz 100	0.1261	0
10935	@westcoastbill exactly	0.1261	0
10936	@manic_marge that is the great question	0.1261	0.6249
10937	about to launch asteroid defense test! <a href="https://t.co/wl4fglhvng">https://t.co/wl4fglhvng</a>	0.1261	0.128
10938	much is made of meteor impacts that destroyed most life on earth, but there were far more than "merely" destroyed a continent.  comets (not asteroids) are the real wild card, as we're only able to track ~4600 out of ~1 trillion.	0.1261	-0.6494
10939	@teslarati @13ericralph31 in 1992, comet shoemaker-levy smashed a hole in jupiter the size of earth <a href="https://t.co/nruahosiaq">https://t.co/nruahosiaq</a>	0.1261	0
10940	@teslarati @13ericralph31 earth has been and will be smashed super hard by meteors over time. not a question of if, just when.	0.1261	0.5423
10941	@engineers_feed 🚀	0.1261	0
10942	@gurgavin <a href="https://t.co/mrxbamhspm">https://t.co/mrxbamhspm</a>	0.1261	0
10943	@ppathole @teslarati @13ericralph31 if we are able to make life self-sustaining on mars, we will have passed one of the greatest filters. that then sets us up to become interstellar.  earth is ~4.5b years old, but life is still not multiplanetary and it is extremely uncertain how much time is left to become so.	0.1261	0.4033
10944	@gailalfaratx @spacex @rgvaerialphotos @cnunezimages @kanyewest @sciguysspace @erdayastronaut @dogecoin @billym2k @austinbarnard45 @nasa absolutely!	-0.2164	0
10945	@teslaownerssv haha true	-0.2164	0.7003
10946	@teslaownerssv great, hope yours is too!	-0.2164	0.7906
10947	@id_aa_carmack great speech, couldn't agree more!	-0.2164	0.765
10948	@existentialcoms combined tesla+spacex market cap is now over \$1.2t, which means "\$4.9b" is less than 0.4% of combined company value	-0.2164	0.2815
10949	@ppathole @spacex that's our initial interstage design that we scrapped	-0.2164	0
10950	@ajtourville we learned our lesson with \$465m doe loan received in 2010/2011 – onerous terms exceed value of money received. that's why we paid it back so early, despite an early repayment penalty.	0.1242	0.5967
10951	@todd_gleason @kimpaquette yup	0.1242	0
10952	@mishaboar good thread	0.1242	0.4404
10953	@mdad8200 @existentialcoms exactly	0.1242	0
10954	@teslaownerssv hypothetically, if they did make lots of electric cars, then they would be the leader	0.1242	0
10955	@evafoxu @teslaownerssv yeah	0.1242	0.296
10956	@wholemarsblog the most ironic outcome is the most likely	0.1242	-0.128
10957	@lexfridman nice	0.1242	0.4215
10958	@dcizius @jonerlichman @spacguru 🚀	0.1242	0
10959	@teslarati @residentsponge it will still be very intense, just slightly less than in the past	0.1242	0.0772

10960	@patrickkc @ashleevance @paraga usa benefits greatly from indian talent!	0.1242	0.4754
10961	@trungtphan a lot has happened in 8 years	0.1242	0
10962	@wholemarsblog yoke allows unobstructed view of the screen	0.1242	0
10963	@wholemarsblog acid test for new interface is use it for 2 weeks & see if you still want old version. after using yoke for few weeks, i didn't want wheel.	0.1242	0.1531
10964	@vikingrocket @wholemarsblog variable gain (steer by wire) yoke would be ideal ...	0.1242	0.5267
10965	@zains180 @vikingrocket @wholemarsblog cybertruck is intentionally an insane technology bandwagon	0.1242	-0.4019
10966	@smartass505 @zains180 @vikingrocket @wholemarsblog oh man, this year has been such a supply chain nightmare & it's not over!  i will provide an updated product roadmap on next earnings call.	0.1242	0
10967	@eightbitstories humanity shall return!!	0.1242	0
10968	just dropping some friends off at the pool	-0.1023	0.4767
10969	splash splash	-0.1023	0
10970	用人	-0.1023	0
10971	@engineers_feed 49 years later, games are photo-realistic 3d worlds. what does that trend continuing imply about our reality?	-0.1023	0
10972	@gerberkawasaki we had to shift some starlink satellite orbits to reduce probability of collision. not great, but not terrible either.  station & dragon have micrometeorite shields (ultra high velocity impact absorption), but eva suits do not, hence higher risk for spacewalk.	-0.1023	-0.3818
10973	@rubix161 @thesheetztweetz @gerberkawasaki it's getting fixed	-0.1023	0
10974	@micsolana the overarching problem is that we need better mental firewalls for the information constantly coming at us.  critical & first principles thinking should be a required course in middle school.  who wrote the software running in your head? are you sure you actually want it there?	-0.1023	0.128
10975	@tesmanian_com if a severe global recession were to dry up capital availability / liquidity while spacex was losing billions on starlink & starship, then bankruptcy, while still unlikely, is not impossible.  gm & chrysler went bk last recession.  "only the paranoid survive." – grove	-0.5009	-0.8957
10976	@erdayastronaut yes	-0.5009	0.4019
10977	@tesmanian_com the magnitude of the starship program is not widely appreciated. it is designed to extend life to mars (and the moon), which requires ~1000 times more payload to orbit than all current earth rockets combined.	-0.5009	0.6124
10978	dayquil + nyquil <a href="https://t.co/aadssrmjyf">https://t.co/aadssrmjyf</a>	-0.5009	0
10979	blow the whistle on tesla! <a href="https://t.co/c86hla0iqk">https://t.co/c86hla0iqk</a>	-0.5009	0
10980	don't waste your money on that silly apple cloth, buy our whistle instead!	-0.5009	-0.4019
10981	@tegmark yikes	-0.5009	0
10982	@rainmaker1973 but lower power density than a human	-0.5009	-0.296
10983	@rainmaker1973 and the sun is technically green, as measured by peak photon count	-0.5009	0
10984	@younietyler @rainmaker1973 no, but you could get pretty far with rings of separately orbiting objects, like our solar system's asteroid belt	-0.5009	0.6908
10985	the sun is absurdly, overwhelmingly the source of energy in our solar system	-0.5009	0.2732
10986	doesn't even need maintenance – just works!	-0.5009	0
10987	<a href="https://t.co/oI2hnkngtx">https://t.co/oI2hnkngtx</a>	-0.5009	0
10988	@billym2k exactly	-0.5009	0
10989	@billym2k 🎉🎉	-0.1968	0
10990	@patrickkc they saw it coming	-0.1968	0
10991	@sawyermeritt 💯 💯	-0.1968	0
10992	@sama i thought nothing could be nuttier than '99	-0.1968	0
10993	@sama web3 sounds like bs	-0.1968	0.3612
10994	@billhuang688 @sama what should i do with it?	-0.1968	0
10995	@coindesk @godbole17 dooooge	-0.1968	0
10996	let's set an age limit after which you can't run for political office, perhaps a number just below 70 ...	-0.1968	0.0772
10997	@billym2k 🎉	-0.1968	0

10998	laws are on one side, poets on the other	-0.5552	0
10999	@mkbhd yikes	-0.5552	0
11000	construction of starship orbital launch pad at the cape has begun	-0.5552	0
11001	@sawyermerritt is that a line graph in your pocket or just happy to see me?	-0.5552	0.5719
11002	@wholemarsblog initial production will be 4 motor variant, with independent, ultra fast response torque control of each wheel	-0.5552	0
11003	@wholemarsblog "insane technology bandwagon"	-0.5552	-0.4019
11004	@marv63804322 @wholemarsblog will have both front & rear wheel steer, so not just like a tank – it can drive diagonally like a crab	-0.5552	0.6124
11005	@teslaownerssv @wholemarsblog yes	-0.5552	0.4019
11006	@jhall @wholemarsblog product roadmap update on next earnings call	-0.5552	0
11007	@jhall @wholemarsblog but yes	-0.5552	0.4019
11008	@teslaownerssv @wholemarsblog it releases internally today, then rolls out to external beta in a few days if no significant issues are found	-0.5552	0.2023
11009	@nasaspaceflight yes	-0.5552	0.4019
11010	@evafoxu @sawyermerritt i love norway! NO ❤️ NO	-0.5552	0.6369
11011	@evafoxu @sawyermerritt huge cranes are cool haha	-0.5552	0.765
11012	@nasaspaceflight 39a is hallowed spaceflight ground – no place more deserving of a starship launch pad!  will have similar, but improved, ground systems & tower to starbase.	-0.5552	0.4767
11013	@joroulette it is an honor to serve nasa and the countries of the international space station	-0.0523	0.4939
11014	@kristennetten @minimalduck @ludalisl @28delayslater @johnnacrider1 @arctechinc @adamhoov  @sawyermerritt @garyblack00 @janeidyeve @renatakonkoly exactly	-0.0523	0
11015	@id_aa_carmack haha pretty much	-0.0523	0.7351
11016	<a href="https://t.co/sigzpdyx76">https://t.co/sigzpdyx76</a>	-0.0523	0
11017	we will soon make these real <a href="https://t.co/t4z5onfnww">https://t.co/t4z5onfnww</a>	-0.0523	0
11018	starships to ❤️ mars ❤️	-0.0523	0
11019	@muratpak you betcha	-0.0523	0
11020	@muratpak my car is currently orbiting mars	-0.0523	0
11021	@ercxspace landing on tower arms	-0.0523	0
11022	@billym2k 🚀	-0.0523	0
11023	@billym2k nfts are jpeging the dollar	-0.0523	0
11024	@epavlic he is quite a bossy dog :)	-0.0523	0
11025	@aeiecon @sciguyspace @jmpethokoukis @pe_podcast_aei good summary	-0.0523	0.4404
11026	as always, tesla is looking for hardcore ai engineers who care about solving problems that directly affect people's lives in a major way.  <a href="https://t.co/0b5toooohcj">https://t.co/0b5toooohcj</a>	-0.0523	0.4404
11027	@kimpaquette tesla publishes accident statistics quarterly. they are so much better than other vehicles, it is ridiculous. <a href="https://t.co/q44lsk1bnk">https://t.co/q44lsk1bnk</a>	-0.0523	-0.4019
11028	@drsally @tesla coming soon. lot of cool stuff.	-0.0523	0.3182
11029	@nasa @nasa_astronauts congratulations!	-0.0541	0.5994
11030	a background in "ai" is not needed, just exceptional skill in software or computer design	-0.0541	0
11031	@rainmaker1973 looking forward to visiting. i've heard it's awesome.	-0.0541	0.6249
11032	@beniko26020660 10.6.1 coming in a few days to address a few annoying issues	-0.0541	-0.4019
11033	@teslaownerssv did it myself 🎉	-0.0541	0
11034	@univercurious that always blows my mind. sad thing is that we haven't been back to the moon in half a century.	-0.0541	-0.4767
11035	@icannot_enough @kimpaquette exactly	-0.0541	0
11036	@stocktalkweekly @neuralink i am definitely not saying that we can for sure do this, but i am increasingly confident that it is possible	-0.0541	0.802
11037	@newsmax there are already minimum age requirements for the house, senate & presidency. reciprocally, there should be maximum age limits too.	-0.0541	0
11038	@teslatsdbeta replacing faulty/missing neurons with circuits is the right way to think about it. many problems can be solved just bridging signals between existing neurons.  progress will accelerate when we have devices in humans (hard to have nuanced conversations with monkeys) next year.	-0.0541	-0.1027
11039	@wholemarsblog 🚀	-0.0541	0
11040	@billym2k 🚀	-0.0541	0
11041	@joshdcaplan it's true	-0.0541	0.4215
11042	@rgvaerialphotos @spacex progress	0.0034	0.4215
11043	@tobyliliiiiiii @rgvaerialphotos @spacex hopefully, this month, no later than next	0.0034	0.4019

11044	@rainmaker1973 wow	0.0034	0.5859
11045	@worldandsience if you leave hydrogen out in the sun long enough, it starts talking to itself	0.0034	-0.0516
11046	@tesla_raj lot of people don't realize that you can watch almost any show in a tesla	0.0034	0
11047	@jessica_kirsh @spacex booster production is currently ahead of engine production	0.0034	0
11048	@waitbutwhy brain transplants	0.0034	0
11049	<a href="https://t.co/fjaw6l5ba0">https://t.co/fjaw6l5ba0</a>	0.0034	0
11050	@28delayslater 😊	0.0034	0
11051	@28delayslater <a href="https://t.co/mo4bi8mnqt">https://t.co/mo4bi8mnqt</a>	0.0034	0
11052	@28delayslater <a href="https://t.co/ej9swabcfm">https://t.co/ej9swabcfm</a>	0.0034	0
11053	@28delayslater <a href="https://t.co/jvsalwjfcj">https://t.co/jvsalwjfcj</a>	0.0034	0
11054	@engineers_feed judith cohen (jack black's mother) also did important work on apollo <a href="https://t.co/jborez8llw">https://t.co/jborez8llw</a>	0.0034	0.2023
11055	if "temporary" provisions in the build back better act become permanent, us national debt will increase by 24%! <a href="https://t.co/kkdpc45job">https://t.co/kkdpc45job</a>	0.0034	0.4019
11056	there is a lot of accounting trickery in this bill that isn't being disclosed to the public	0.0034	-0.2732
11057	@traderjourney exactly!	0.0034	0
11058	nothing is more permanent than a "temporary" government program	0.0034	0
11059	@watcherguru taxing all billionaires at 100% only drops national debt by ~10%, which is just one year of deficit spending	-0.4798	-0.3612
11060	unless susceptible to extreme natural disasters, nuclear power plants should not be shut down	-0.4798	0.3612
11061	@ppathole probably way sooner before it's too hot for civilization	-0.4798	0
11062	@rainmaker1973 shanghai is beautiful	-0.4798	0.5994
11063	@cnunezimages @spacex @spaceintellige3 💯	-0.4798	0
11064	@rainmaker1973 amazing engine!	-0.4798	0.5859
11065	@squawkcnbc @gordonjohnson19 🎉🎉	-0.4798	0
11066	@_rykllan @spacex @felixschlang @marcushouse @erdayastronaut @bluemoondance74 @nexthorizonssf rocket fleets grows	-0.4798	0
11067	@ballaerospace @nasa_marshall @nasa @spacex congrats!	-0.4798	0.5267
11068	@billym2k @thecryptocpa 😊	-0.4798	0
11069	@teslaownerssv 💧💧	-0.4798	0
11070	<a href="https://t.co/zrz1eflywy">https://t.co/zrz1eflywy</a>	-0.0472	0
11071	@tobyliliiiiiii noobtoob	-0.0472	0
11072	@samifouad 🔥	-0.0472	0
11073	@planet4589 earth should be called water	-0.0472	0
11074	@mrbeast 🎩	-0.0472	0
11075	@sawyermerritt tesla china has done amazing work	-0.0472	0.5859
11076	@sawyermerritt 🔥🔥	-0.0472	0
11077	@jack <a href="https://t.co/ueyr6nawap">https://t.co/ueyr6nawap</a>	-0.0472	0
11078	@albi_sidearms maybe i will ...	-0.0472	0
11079	hahaha ... ?1	-0.0472	0.5574
11080	wow, only three weeks to 2022! what will 2032 will be like? seems so futuristic! will we be on mars?	-0.0472	0.743
11081	@sawyermerritt cgi irl	-0.0472	0
11082	@sawyermerritt cybertruck can have any color you want, so long as it's nothing	-0.0472	0.0772
11083	@tesladylan @sawyermerritt not at first, but there are many third party options for wrapping	-0.0472	0.4019
11084	@jackfarrington @sawyermerritt manufacturers have to ship cars with side mirrors by law, but owners are allowed to modify their cars.  the wiper is what troubles me most. no easy solution. deployable wiper that stows in front trunk would be ideal, but complex.	-0.0472	0.8225
11085	@gailalfaratx @sawyermerritt @dogecoin imbued gold/bronze color would be sick	-0.0472	-0.5106
11086	@jeremycom i do aspire to entertain the people!	-0.3472	0
11087	@tesmanian_com there will be a few tweaks before production	-0.3472	0
11088	@tesletter lasers can do anything	-0.3472	0
11089	@model3owners that is not the production wiper	-0.3472	0
11090	@wholemarsblog 10.7 next week is great	-0.3472	0.6249
11091	@wholemarsblog should arguably be called 11	-0.3472	-0.25
11092	@engineers_feed um ... yes	-0.3472	0.4019
11093	@ajtourville they have no idea	-0.3472	0
11094	@shivon 🖐	-0.3472	0
11095	@ppathole absolutely	-0.3472	0

11096	@alberteinstein 🎯	-0.3472	0
11097	@rainmaker1973 real androids are coming	-0.3472	0
11098	"no better friend, no worse enemy" <a href="https://t.co/e2terbifbg">https://t.co/e2terbifbg</a>	-0.3472	-0.128
11099	@billym2k sulla and the original nero who was instrumental in defeating hannibal are underrated	-0.3472	0.3182
11100	@itsgime @billym2k maybe a little 😊	-0.3472	0
11101	@teslaownerssv it takes 20 years (time from conception to adult) to reverse demographic trends	-0.3472	0
11102	just did a @hardcorehistory episode with dan carlin. hope you like it.	-0.3472	0.6597
11103	@rationaletienne @balajis sonic, the hedgehog, game coming to all teslas!	-0.3472	0
11104	@hardcorehistory i think i mentioned "octane" too much haha ... but it was actually a big deal	-0.3472	0.4588
11105	@engineers_feed 🎯	-0.3472	0
11106	@28delayslater @rationaletienne @balajis yup	-0.3472	0
11107	@ppathole @engineers_feed martians911	-0.3472	0
11108	@ppathole @engineers_feed literally	-0.3472	0
11109	@neuro_skeptic does anything actually work?	-0.3472	0
11110	sorry <a href="https://t.co/pppbawxz6">https://t.co/pppbawxz6</a>	-0.3472	-0.0772
11111	sine qua non non <a href="https://t.co/itblswix53">https://t.co/itblswix53</a>	-0.3472	0
11112	<a href="https://t.co/5le1pjfwgs">https://t.co/5le1pjfwgs</a>	-0.3472	0
11113	@ahmadtariq07 i was slightly aiming for that	-0.3472	0
11114	@rainmaker1973 🐸	-0.3472	0
11115	@szymon_kasprzyk she seems cool	-0.3472	0.3182
11116	@billym2k true ❤️	-0.3472	0.4215
11117	@djsnm interesting payload number	-0.3472	0.4588
11118	@hardcorehistory apologies for any errors in this podcast!	-0.3472	-0.34
11119	@dogehounds @hardcorehistory overall kill ratio was 19:1, but kill ratio against the zero was 13:1	-0.3472	-0.886
11120	@westcoastbill 🎯	-0.3472	0
11121	@kimbal thanks bro	-0.3472	0.4404
11122	@trungtphan 🎯	-0.3472	0
11123	@hardcorehistory forgot to mention the mosquito, which was arguably the most innovative airframe design	-0.3472	-0.25
11124	@ppathole @hardcorehistory i will ask dan for some tips!	-0.0046	0
11125	@wholemarsblog penalizing sustainable energy is insane	-0.0046	-0.1531
11126	will also be important for mars	-0.0046	0.2023
11127	@teslany @live_munro munro rocks!	-0.0046	0
11128	@rainmaker1973 yup	-0.0046	0
11129	@alex_avoigt very hard	-0.0046	-0.1027
11130	@austen that is how i feel about myself! oh wait ...	-0.0046	0
11131	@sciguysspace lori did a lot of good	-0.0046	0.4404
11132	@grimezs no stylist, no makeup either haha	-0.0046	0.4588
11133	@sirineati @grimezs yeah :)	-0.0046	0.296
11134	@wintonark this is the revolution in medicine	-0.0046	0
11135	@senwarren stop projecting! <a href="https://t.co/kibp6as9vl">https://t.co/kibp6as9vl</a>	-0.0046	-0.296
11136	@senwarren you remind me of when i was a kid and my friend's angry mom would just randomly yell at everyone for no reason	-0.0046	0.4939
11137	@senwarren please don't call the manager on me, senator karen 🎧	-0.0046	0.3182
11138	@billym2k 🎯	0.0626	0
11139	@jimcramer @time thanks jim!	0.0626	0.4404
11140	@jimcramer @time x is pretty great	0.0626	0.8074
11141	@senwarren and if you opened your eyes for 2 seconds, you would realize i will pay more taxes than any american in history this year	0.0626	-0.1027
11142	@senwarren don't spend it all at once ... oh wait you did already	0.0626	0
11143	@owensparks_ @erdayastronaut yup, that's the plan!	0.0626	0
11144	@fttechnews thank you!	0.0626	0.3612
11145	@americafirstmg interesting	0.0626	0.4019
11146	@americafirstmg explain yourself @senwarren	0.0626	0
11147	@stonksreddit @americafirstmg @senwarren sneaky, but ineffective, like the rest of what she does 🎯	0.0626	0.0258
11148	@not_the_bee @thebabylonbee she's tryin call to the manager rn <u>100</u>	0.0626	0
11149	@cleantechnica congrats @jimfarley98	0.0626	0.5267
11150	@newsweek thanks!	0.0626	0.4404
11151	highly recommend all of @hardcorehistory <a href="https://t.co/rqlfrfldk7">https://t.co/rqlfrfldk7</a>	0.0626	0.4201
11152	@alp_jp @not_the_bee @thebabylonbee that is weird	-0.5804	-0.1779

11153	@scottadamssays @johniadarola @senwarren i love dilbert! use it all the time to illustrate that we're doing something wrong at tesla/spacex if it could be a dilbert cartoon irl. this happens more often than i'd like (sigh).	-0.5804	0.5719
11154	@24_7teslanews @tesla 🚀	-0.5804	0
11155	<a href="https://t.co/wv6ijdutge">https://t.co/wv6ijdutge</a>	-0.5804	0
11156	@ppathole @scottadamssays @johniadarola @senwarren yeah!	-0.5804	0.296
11157	@teslaownersebay @ppathole @scottadamssays @johniadarola @senwarren it's complicated, but hopefully out next quarter, along with witcher. lot of internal debate as to whether we should be putting effort towards generalized gaming emulation vs making individual games work well.	-0.5804	0.5859
11158	@wholemarsblog i came to the us with no money & graduated with over \$100k in debt, despite scholarships & working 2 jobs while at school	-0.5804	-0.3612
11159	<a href="https://t.co/8yxjkfvawc">https://t.co/8yxjkfvawc</a>	-0.5804	0
11160	@billym2k 🚀	-0.5804	0
11161	@mrmanderly @sawyermerritt literally	-0.5804	0
11162	@mrmanderly @sawyermerritt giga texas is a \$10b+ investment over time, generating at least 20k direct & 100k indirect jobs	-0.5804	0
11163	@thebabylonbee 🚀	-0.5804	0
11164	old school shell game	-0.5804	0
11165	@briannalyman2 (lack of) joy reid is a lobbyist for sen karen	-0.5804	0.3612
11166	@sanders [ahem]	-0.5804	0
11167	@johnnacrider1 yeah, i mean seriously wth!!	-0.5804	0.128
11168	@btc_archive @sanders is there anything more tragic than unrequited love?	-0.5804	0.296
11169	@robbystarbuck @briannalyman2 😞	0.0315	0
11170	@jordylancaster 🚀	0.0315	0
11171	@william_blake @peterthiel @mlevchin @davidsacks @reidhoffman i haven't read the book, but soni's questions were incredibly insightful & his attention to detail was superlative	0.0315	0
11172	@billym2k 🚀	0.0315	0
11173	@jhall wait, people *pay* him to speak lmaooo	0.0315	-0.1027
11174	@sagemanfx @billym2k i saw it. whoa, pretty dark! nice bladerunner reference.	0.0315	0.7184
11175	@stianwalgermo @teslacharging @tesla @wholemarsblog @teslaclubnorway trondheim sounds cool	0.0315	0.3182
11176	@itsallrisky wow, this video took a lot of work!	0.0315	0.5859
11177	@jeanmar49190094 @teslaownerssv it might be	0.0315	0
11178	@bbc_future this is a big deal	0.0315	0
11179	@evafoxu @cnunezimages still much to be done, but it has that potential	0.0315	0
11180	@heydave7 @johnnacrider1 @senwarren @buckporno the great state of massachusetts deserves someone better	-0.1874	0.7906
11181	@cathedwood interesting	-0.1874	0.4019
11182	@nasaspaceflight yup. next booster will have 33 raptor 2 engines, with 13 steering.  ship is being upgraded to 9 engines (3 sea-level gimballing, 6 vacuum fixed) with increased propellant load.	-0.1874	0.2732
11183	@space_biscuit @nasaspaceflight 15 degrees	-0.1874	0
11184	tesla fsd 10.8 plus holiday fun software release probably tuesday	-0.1874	0.7184
11185	@johnkrausphotos @nasaspaceflight haha, this is not even its final form! although, pretty close.  cape is hopefully this summer.	-0.1874	0.836
11186	@blkmdl3 probably	-0.1874	0
11187	@blkmdl3 10.8 is close, so just jumping to that	-0.1874	0
11188	@f9block5 coming	-0.1874	0
11189	@f9block5 10.8	-0.1874	0
11190	<a href="https://t.co/wqpfhm8thu">https://t.co/wqpfhm8thu</a>	-0.1874	0
11191	@ben4appel 🚀	-0.1874	0
11192	traceroute woke_mind_virus	-0.1874	0
11193	@billym2k 🚀	-0.1874	0
11194	@adamcuker @spacex all raptor 2 tests going forward	-0.1874	0
11195	@staciet8 absolutely	-0.1874	0
11196	@heydave7 that matches my understanding	-0.1874	0
11197	should be taught to all at a young age <a href="https://t.co/glvkjcdhah">https://t.co/glvkjcdhah</a>	-0.1874	0
11198	better resolution <a href="https://t.co/smffvbanha">https://t.co/smffvbanha</a>	-0.1874	0.4404
11199	@wintonark it may, especially in our galaxy at this time	-0.1874	0
11200	@erdayastronaut @skepticsguide sounds like a good book	-0.1874	0.6597
11201	@stevenmarkryan @neuralink words are very lossy compression of thoughts	-0.1874	-0.296

11202	@gailfaratx @peterdog15 @tesla tesla will hold a giga texas grand opening party with factory tours for the community in early 2022	-0.1874	0.4019
11203	given the almost unimaginable nature of the present, what will the future be? <a href="https://t.co/b2yw0axgva">https://t.co/b2yw0axgva</a>	-0.1874	0
11204	@worldandscience might very well be	-0.1874	0.2732
11205	i'm not suggesting web3 is real – seems more marketing buzzword than reality right now – just wondering what the future will be like in 10, 20 or 30 years. 2051 sounds crazy futuristic!	-0.1874	0.0258
11206	@lexfridman yeah	-0.1874	0.296
11207	for those wondering, i will pay over \$11 billion in taxes this year	-0.1874	-0.1027
11208	@imoriginalankit maybe i'm partly chinese!	-0.1874	0
11209	@billym2k 🎉	-0.1874	0
11210	@jayinshanghai sometime in 2022	-0.1874	0
11211	@omarsar0 🎉	-0.1874	0
11212	🎉 true. ask your airline for starlink! <a href="https://t.co/r9gl2bkoat">https://t.co/r9gl2bkoat</a>	0.0607	0.4215
11213	@billym2k with starlink, you could stream video & play online games	0.0607	0.34
11214	has anyone seen web3? i can't find it.	0.0607	0
11215	@jack m something something	0.0607	0
11216	@billym2k just keep going. it's in there somewhere. <a href="https://t.co/jsleicxji1">https://t.co/jsleicxji1</a>	0.0607	0
11217	100th spacex rocket landing was today <a href="https://t.co/ys09siycee">https://t.co/ys09siycee</a>	0.0607	0
11218	@ppathole @spacex absolutely	0.0607	0
11219	@ppathole still kinda hard to believe it is working	0.0607	-0.0276
11220	@dancrenshawtx agreed. taxes do need to be collected, but what is the best way to do this that maximizes area under the curve of the happiness of the people?	0.0607	0.872
11221	@teslatidbits @wholemarsblog @dancrenshawtx a strong bias towards consumption tax makes sense	0.2086	0.4404
11222	@nichegamer 🎉	0.2086	0
11223	@cleantechnica pure vision, especially when using explicit photon count, is much better than radar+vision, as the latter has too much ambiguity – when radar & vision disagree, it is not clear which one to believe	0.2086	0.7845
11224	@wholemarsblog this assumes completion of the 10b sales	0.2086	0
11225	@billym2k @daelmor @dancrenshawtx 💯	0.2086	0
11226	@gfilche it's a great whistle!	0.3139	0.6249
11227	@wholemarsblog we're aiming for a significant improvement for owners outside the us around march, depending on regulatory approvals	0.3139	0.5859
11228	tesla holiday software release being tested with internal owners today. broader rollout starts tomorrow evening.	0.3139	0.4019
11229	@willfealey yes	0.3139	0.4019
11230	@jefftutorials yes, but if we find unexpected bugs, release might be delayed until 24th	0.3139	0.4019
11231	@nurodev disney restricted us to us only	0.3139	0
11232	whereas radar has trouble seeing small pedestrians, they're obvious to tesla vision <a href="https://t.co/anuy58lg17">https://t.co/anuy58lg17</a>	0.3139	-0.1779
11233	@scottwww @realrobocopeland yeah, i didn't have a house in the bay area for over a decade, despite spending half the week there	0.3139	0.296
11234	lots of tesla cars to deliver before year end! your support in taking delivery is much appreciated.  thanks also to the tesla team working hard during the holidays!	0.3139	0.8779
11235	the @skepticsguide book is 🎉	0.3139	0
11236	@billym2k @jack @gladstein @rahilla @farokh @samkazemian @thesmarmybum @ethereum that's why i'm pro doge	0.3139	0
11237	@blkmdl3 good idea	0.3139	0.4404
11238	@nichegamer it's good	0.0275	0.4404
11239	interesting <a href="https://t.co/548fhpnxxu">https://t.co/548fhpnxxu</a>	0.0275	0.4019
11240	@jonerlichman or tesla!	0.0275	0
11241	merry christmas 🎄🎁🎅🌟🎄	0.0275	0.5423
11242	floki santa <a href="https://t.co/y3ctq16bgi">https://t.co/y3ctq16bgi</a>	0.0275	0
11243	@worldandscience me 💯	0.0275	0
11244	@nasa @nasawebb congratulations, this is major!	0.0275	0.5994
11245	@archillect now \$1.25	0.0275	0
11246	@dimazeniuk @klwtts @teslaclubnorway @wholemarsblog @sawyermerritt @1stmarscolonist @daelmor @kristennetten @28delayslater @inelonwetrust__ @billhuang688 @evafoxu @gailfaratx as goes norway, so goes the world. that said, still a long way to go to replace the fleet of combustion vehicles on the road.	0.0275	0
11247	@nichegamer 🎉	0.0275	0

11248	@stats_feed @engineers_feed useful mass to orbit is what matters	0.0275	0.4588
11249	so much of ai is about compressing reality to a small vector space, like a video game in reverse	0.0275	0.3612
11250	physics formulas are the rendering rules	0.0275	0
11251	@ppathole people are able to break any laws made by humans, but none made by physics	0.0275	0
11252	@billym2k it is simulations all the way down, until you get to one bit	0.0275	0
11253	@billym2k now that the webb telescope has been launched, they will have to spend more on rendering haha	0.0275	0.5423
11254	@lexfridman yeah, the smarter someone is, the harder it is to simulate/predict their behavior	0.0275	0.6369
11255	@engineers_feed the resolution of the universe is not smaller than planck length <a href="https://t.co/hoyzr4d0pp">https://t.co/hoyzr4d0pp</a>	0.0275	0
11256	@spacexmrxr 🎉	0.0275	0
11257	@cleantechnica most people still have no idea that sustainable energy generation is growing so fast	0.0275	0.4215
11258	lex asks great questions <a href="https://t.co/tlyuegoova">https://t.co/tlyuegoova</a>	-0.1840	0.6249
11259	@sirineati @engineers_feed faa approval is the schedule driver. their latest update says end of february.	-0.1840	0.4767
11260	@risermaker @engineers_feed ~700nm to ~400nm	-0.1840	0
11261	@esprit_tesla @chazman @lexfridman yes	-0.1840	0.4019
11262	@sawyermerritt ashok was the first person recruited from my tweet saying that tesla is starting an autopilot team!	-0.1840	0
11263	@gailalfaratx @sawyermerritt wow, working on this problem has soaked up a lot of my time & brain cycles over the past ~7 years! this and starship engines are currently the two hardest problems.	-0.1840	-0.1531
11264	@ppathole i do	-0.1840	0
11265	<a href="https://t.co/mvhcpxpzi">https://t.co/mvhcpxpzi</a>	-0.0452	0
11266	<a href="https://t.co/ocuqr6xd9d">https://t.co/ocuqr6xd9d</a>	-0.0452	0
11267	@heydave7 🎉	-0.0452	0
11268	@t_ball5 probably not wrong	-0.0452	-0.4767
11269	@waitbutwhy 💯 🎉	-0.0452	0
11270	@mims if history is any guide, not many will make it past the next recession	-0.0452	-0.4215
11271	@blkmdl3 @mims predicting macroeconomics is challenging, to say the least. my gut feel is maybe around spring or summer 2022, but not later than 2023.	-0.0452	0.1531
11272	@csmithson80 @heydave7 @blkmdl3 @mims this chart is a big deal	-0.0452	0
11273	@tesla_raj many ui improvements coming	-0.0452	0.3182
11274	@roshanpatei 🎉 \$7	-0.2133	0
11275	@thebabylonbee 🎉	-0.2133	0