Innochat

How Safe Are Your Algorithms?
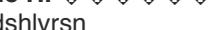
Times shown in: Eastern Daylight Time and Coordinated Universal Time

Between 2017 Jun 29 11:45 and 2017 Jun 29 13:15
14 people sent 176 messages containing #innochat

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11:52:41 15:52:41	**John W Lewis** @JohnWLewis		Our weekly #innochat begins in less than 10 minutes. Join us?
11:55:40 15:55:40	**Mike Baldwin** @mikey3982		. @JohnWLewis before #innochat begins where algorhims are used in decision support does anyone do a trial vs non algo. version?
11:57:19 15:57:19	**Mike Baldwin** @mikey3982		RT @JohnWLewis: Join us for #innochat in less than 20 mins. Our topic is: "How Safe Are Your Algorithms?" The framing post is here: https:/...
11:57:24 15:57:24	**John W Lewis** @JohnWLewis		@mikey3982 It probably varies depending on the field that it's in and the purpose of the algorithm. #innochat
12:00:03 16:00:03	**John W Lewis** @JohnWLewis		Welcome to #innochat! Our topic is: "How Safe Are Your Algorithms?" Framed here: https://t.co/m2ojwmGbcG
12:03:41 16:03:41	**John W Lewis** @JohnWLewis		Who's with us for #innochat? @quickmuse @adhansen @DreaVilleneuve @JKatzaman @SunilMalhotra @martinlieberman @joshmccormack @dshlvrsn
12:04:06 16:04:06	**Dale H. ������** @dshlvrsn		RT @JohnWLewis: Welcome to #innochat! Our topic is: "How Safe Are Your Algorithms?" Framed here: https://t.co/m2ojwmGbcG
12:04:53 16:04:53	**John W Lewis** @JohnWLewis		@dshlvrsn Hi Dale! Great to see you! Is this a topic that you've given much thought? #innochat
12:05:07 16:05:07	**Jim Katzaman** @JKatzaman		Joining #innochat from Maryland. I might make it through the hour before being summoned out.
12:05:10 16:05:10	**Dale H. ������** @dshlvrsn		RT @JohnWLewis: @dshlvrsn Hi Dale! Great to see you! Is this a topic that you've given much thought? #innochat
12:05:27 16:05:27	**Josh McCormack** @joshmccormack		@JohnWLewis @quickmuse @adhansen @DreaVilleneuve @JKatzaman @SunilMalhotra @martinlieberman @dshlvrsn Man today is... https://t.co/wrf5W1w4VA
12:05:54 16:05:54	**John W Lewis** @JohnWLewis		@dshlvrsn The video is not well edited. My link goes to the start of the talk, which runs 40mins until about 1:08:00 #innochat
12:06:29 16:06:29	**John W Lewis** @JohnWLewis		@JKatzaman Hi Jim! We're glad to see you for as long as you can stay! #innochat
12:07:03 16:07:03	**John W Lewis** @JohnWLewis		@joshmccormack @quickmuse @adhansen @DreaVilleneuve @JKatzaman @SunilMalhotra @martinlieberman @dshlvrsn Hi Josh! L... https://t.co/tsnG7x49XL
12:07:24 16:07:24	**Martin Lieberman** @martinlieberman		@joshmccormack @JohnWLewis @quickmuse @adhansen @DreaVilleneuve @JKatzaman @SunilMalhotra @dshlvrsn No complaints t... https://t.co/NApUOCoPPz
12:07:28 16:07:28	**John W Lewis** @JohnWLewis		Please introduce yourself to #innochat. First Q coming up.
12:07:46 16:07:46	**John W Lewis** @JohnWLewis		@martinlieberman @joshmccormack @quickmuse @adhansen @DreaVilleneuve @JKatzaman @SunilMalhotra @dshlvrsn Hi Martin! #innochat

12:07:47 16:07:47	**Andrea Villeneuve** @DreaVilleneuve	Hiya #innochat - popping in and out today!
12:08:00 16:08:00	**John W Lewis** @JohnWLewis	Q1 How do systems which use algorthms differ from other systems? #innochat
12:09:06 16:09:06	**John W Lewis** @JohnWLewis	@DreaVilleneuve Hi Andea! Great to see you, (when you're in)! #innochat
12:09:59 16:09:59	**John W Lewis** @JohnWLewis	@dshlvrsn The main point is fairly simple. Algorithms are making unaccountable decisions. We need safety checks and... https://t.co/9rFnZp4QBc
12:10:04 16:10:04	**Dale H. �����** @dshlvrsn	RT @JohnWLewis: Q1 How do systems which use algorthms differ from other systems? #innochat
12:10:53 16:10:53	**Dale H. �����** @dshlvrsn	@JohnWLewis A1 They scale decision making very quickly. #innochat
12:10:54 16:10:54	**John W Lewis** @JohnWLewis	The main issue is whether algorithmic (software) systems are fundamentally different from other systems. #innochat
12:12:11 16:12:11	**John W Lewis** @JohnWLewis	@dshlvrsn They do, but (playing devil's advocate!) don't other technologies have far reaching effects too? #innochat
12:12:22 16:12:22	**Dale H. �����** @dshlvrsn	RT @JohnWLewis: The main issue is whether algorithmic (software) systems are fundamentally different from other systems. #innochat
12:13:27 16:13:27	**Jim Katzaman** @JKatzaman	A1 I've heard of algorithms -- mostly disparagingly -- on social media but really don't understand them. #innochat
12:13:36 16:13:36	**John W Lewis** @JohnWLewis	What does anyone else think? Do unsafe algorithms (for job applications, loan applications, flight controls, etc.) worry you? #innochat
12:13:44 16:13:44	**Dale H. �����** @dshlvrsn	RT @JohnWLewis: @dshlvrsn They do, but (playing devil's advocate!) don't other technologies have far reaching effects too? #innochat
12:14:07 16:14:07	**Dale H. �����** @dshlvrsn	RT @JKatzaman: A1 I've heard of algorithms -- mostly disparagingly -- on social media but really don't understand them. #innochat
12:14:24 16:14:24	**John W Lewis** @JohnWLewis	@JKatzaman Algorithms are simply programmatic procedures: system functionality implemented in software. #innochat
12:15:02 16:15:02	**Josh McCormack** @joshmccormack	@JohnWLewis Algorithms need to be monitored and edited. They shouldn't run unobserved. #innochat
12:15:41 16:15:41	**John W Lewis** @JohnWLewis	@JKatzaman You're right, Jim, that many people are disparaging about algorithms. I'm not sure what they would use i... https://t.co/Rp5JAew98a
12:15:57 16:15:57	**Josh McCormack** @joshmccormack	@JKatzaman An algorithm is an imitation of the logic a human brain uses to make decisions and take actions. #innochat
12:16:00 16:16:00	**Dale H. �����** @dshlvrsn	@JohnWLewis I'm probably missing the context of algorithm you are looking for. I'm thinking about the fuzzy logic s... https://t.co/yIdyYmDFSR
12:16:23 16:16:23	**Dale H. �����** @dshlvrsn	RT @JohnWLewis: @JKatzaman Algorithms are simply programmatic procedures: system functionality implemented in software. #innochat
12:16:30 16:16:30	**Josh McCormack** @joshmccormack	@JohnWLewis Too often algorithms are blunt force tools that over simplify things. #innochat
12:17:03 16:17:03	**Dale H. �����** @dshlvrsn	I am never a fan of looking to data for answers. It's better to help find better questions. #innochat
12:17:08 16:17:08	**John W Lewis** @JohnWLewis	@dshlvrsn I don't think this is restricted to fuzzy logic, Dale. Any decision making process in software is included. #innochat
12:17:13 16:17:13	**Dale H. �����** @dshlvrsn	RT @joshmccormack: @JohnWLewis Too often algorithms are blunt force tools that over simplify things. #innochat
12:17:54 16:17:54	**John W Lewis** @JohnWLewis	A1 My view is that software is (just) another implementation technology. #innochat

| 12:17:58 | **Jim Katzaman** | @JohnWLewis The algorithm problem I hear most often is in Twitter where |
| 16:17:58 | @JKatzaman | chat hosts such as @Carol_Stephen are block... https://t.co/GQAXS5BcMY |

| 12:18:00 | **John W Lewis** | Q2 What are the characteristics of algorithms that require special attention? |
| 16:18:00 | @JohnWLewis | #innochat |

| 12:18:11 | **Andrea Villeneuve** | @JohnWLewis When I watched the video - my first thought was education - |
| 16:18:11 | @DreaVilleneuve | and the current PISA scoring. The backlash... https://t.co/Z9pnkdufSO |

| 12:18:37 | **Peter Cook** | @JohnWLewis Sometimes management think that business decisions submit |
| 16:18:37 | @AcademyOfRock | themselves to simple algorithms #innochat |

| 12:18:46 | **Dale H. ������** | @JohnWLewis Unfortunately I equate them to the same thing. Making |
| 16:18:46 | @dshlvrsn | decisions based on data alone is foolish. Should... https://t.co/4WDuBINlvP |

| 12:19:09 | **Dale H. ������** | RT @JohnWLewis: Q2 What are the characteristics of algorithms that require |
| 16:19:09 | @dshlvrsn | special attention? #innochat |

| 12:19:13 | **Saul Kaplan** | Decision rules are embedded in algorithms & software by humans. If they are |
| 16:19:13 | @skap5 | unsafe, don't blame technology, blame humans. #innochat |

| 12:19:52 | **John W Lewis** | @DreaVilleneuve Yes, it's the decisions that affect people's lives that are most |
| 16:19:52 | @JohnWLewis | important. #innochat |

| 12:19:52 | **Dale H. ������** | RT @AcademyOfRock: @JohnWLewis Sometimes management think that |
| 16:19:52 | @dshlvrsn | business decisions submit themselves to simple algorithms #innochat |

| 12:20:12 | **Peter Cook** | @JohnWLewis Many complex customer service queries are attempted to give |
| 16:20:12 | @AcademyOfRock | algorithmic answers when they don't fit #innochat |

| 12:20:24 | **Dale H. ������** | @skap5 Exactly. #innochat |
| 16:20:24 | @dshlvrsn | |

| 12:20:29 | **Peter Cook** | RT @joshmccormack: @JohnWLewis Algorithms need to be monitored and |
| 16:20:29 | @AcademyOfRock | edited. They shouldn't run unobserved. #innochat |

| 12:20:29 | **Andrea Villeneuve** | @JohnWLewis This is not necessarily a correct evaluation of skills and |
| 16:20:29 | @DreaVilleneuve | abilities - it's a ranking based on the pres... https://t.co/pHiXzsbcG2 |

| 12:20:35 | **Peter Cook** | RT @joshmccormack: @JKatzaman An algorithm is an imitation of the logic |
| 16:20:35 | @AcademyOfRock | a human brain uses to make decisions and take actions. #innochat |

12:20:37	**Dale H. ������**	RT @AcademyOfRock: @JohnWLewis Many complex customer service
16:20:37	@dshlvrsn	queries are attempted to give algorithmic answers when they don't fit
		#innochat

| 12:20:44 | **John W Lewis** | @AcademyOfRock Hi Peter, Yes, I think this is an important point. The view |
| 16:20:44 | @JohnWLewis | that human decision making processes can... https://t.co/qTiVVDo6Ko |

| 12:20:48 | **Dale H. ������** | RT @JohnWLewis: @DreaVilleneuve Yes, it's the decisions that affect |
| 16:20:48 | @dshlvrsn | people's lives that are most important. #innochat |

| 12:21:45 | **John W Lewis** | @skap5 Hi Saul. Yes, the fundamental issue is the relationship between |
| 16:21:45 | @JohnWLewis | human and automated aspects of processes. #innochat |

| 12:21:48 | **Dale H. ������** | Selfdriving cars are going to stress test this concept #innochat |
| 16:21:48 | @dshlvrsn | |

| 12:21:54 | **Mike Baldwin** | @AcademyOfRock @JohnWLewis are you telling me that you can't run a |
| 16:21:54 | @mikey3982 | business from a recipe book? #innochat |

| 12:22:33 | **John W Lewis** | Probably not, Mike!! ;-) #innochat https://t.co/cBGMov3ECn |
| 16:22:33 | @JohnWLewis | |

| 12:22:39 | **Dale H. ������** | RT @mikey3982: @AcademyOfRock @JohnWLewis are you telling me that |
| 16:22:39 | @dshlvrsn | you can't run a business from a recipe book? #innochat |

| 12:23:02 | **Mike Baldwin** | @skap5 humans are still accountable about the data that they train these |
| 16:23:02 | @mikey3982 | algos currently #innochat |

| 12:23:06 | **John W Lewis** | @mikey3982 @AcademyOfRock But, of course, many financial trading |
| 16:23:06 | @JohnWLewis | systems are probably close to running from a recipe book. #innochat |

12:23:20 16:23:20	**Peter Cook** @AcademyOfRock	@mikey3982 @JohnWLewis Recipes get you so far .... but for complex issues they suffer issues of fit #b822 #innochat ��
12:24:05 16:24:05	**Dale H. ������** @dshlvrsn	@JohnWLewis @mikey3982 @AcademyOfRock Many of those systems fail as context changes. #innochat
12:24:07 16:24:07	**John W Lewis** @JohnWLewis	@mikey3982 @skap5 They are, and I don't want to worry you with your flight coming up, but when starved of data, sys... https://t.co/F6M4Fit8dz
12:24:16 16:24:16	**Dale H. ������** @dshlvrsn	RT @AcademyOfRock: @mikey3982 @JohnWLewis Recipes get you so far .... but for complex issues they suffer issues of fit #b822 #innochat ��
12:24:23 16:24:23	**Peter Cook** @AcademyOfRock	RT @mikey3982: @AcademyOfRock @JohnWLewis are you telling me that you can't run a business from a recipe book? #innochat
12:24:53 16:24:53	**Dale H. ������** @dshlvrsn	@AcademyOfRock @mikey3982 @JohnWLewis This is where design has grown popular. Predictive value of past data is wani... https://t.co/KiZaFaDLJ1
12:25:12 16:25:12	**Peter Cook** @AcademyOfRock	@JohnWLewis @mikey3982 Do we ever quite use a real food recipe book exactly? #innochat
12:25:28 16:25:28	**John W Lewis** @JohnWLewis	@dshlvrsn @mikey3982 @AcademyOfRock Definitely, the context is key to the attribution of meaning to any data. And a... https://t.co/W2TzS8O8n4
12:25:40 16:25:40	**Peter Cook** @AcademyOfRock	RT @dshlvrsn: @JohnWLewis @mikey3982 @AcademyOfRock Many of those systems fail as context changes. #innochat
12:25:55 16:25:55	**Dale H. ������** @dshlvrsn	RT @AcademyOfRock: @JohnWLewis @mikey3982 Do we ever quite use a real food recipe book exactly? #innochat
12:26:11 16:26:11	**John W Lewis** @JohnWLewis	@AcademyOfRock @mikey3982 McDonalds try!! ;-) #innochat
12:26:23 16:26:23	**Peter Cook** @AcademyOfRock	RT @JohnWLewis: @AcademyOfRock @mikey3982 McDonalds try!! ;-) #innochat
12:27:08 16:27:08	**Dale H. ������** @dshlvrsn	@AcademyOfRock @JohnWLewis @mikey3982 Engineers, business people and designers. E's follow to letter, B's decide wi... https://t.co/Pf9NKNglW9
12:27:18 16:27:18	**Andrea Villeneuve** @DreaVilleneuve	@AcademyOfRock @JohnWLewis @mikey3982 As someone who cooks - I've never made the same recipe exactly the same way every time. #Innochat
12:27:19 16:27:19	**Dale H. ������** @dshlvrsn	RT @JohnWLewis: @AcademyOfRock @mikey3982 McDonalds try!! ;-) #innochat
12:27:53 16:27:53	**John W Lewis** @JohnWLewis	The next Q address the nature of the important differences. #innochat
12:28:00 16:28:00	**John W Lewis** @JohnWLewis	Q3 How do algorithms fail? I.e. when failure occurs, what happens? #innochat
12:28:11 16:28:11	**Peter Cook** @AcademyOfRock	@JohnWLewis @mikey3982 They have standardised the customer expectation to some degree #innochat - still discretion is applied to ketchup
12:28:11 16:28:11	**Saul Kaplan** @skap5	We must get better at differentiating the use of heuristics (applied flexibly) versus algorithms (applied universally). #innochat
12:28:30 16:28:30	**Dale H. ������** @dshlvrsn	RT @JohnWLewis: Q3 How do algorithms fail? I.e. when failure occurs, what happens? #innochat
12:28:56 16:28:56	**John W Lewis** @JohnWLewis	@DreaVilleneuve @AcademyOfRock @mikey3982 Maybe a better example of a simple domestic algorithm is something like a... https://t.co/fLYgR7pDkk
12:29:09 16:29:09	**Dale H. ������** @dshlvrsn	@JohnWLewis A3 Unfortunately we often never know a failure has happened. It's just assumed to be right #innochat
12:29:23 16:29:23	**Dale H. ������** @dshlvrsn	RT @skap5: We must get better at differentiating the use of heuristics (applied flexibly) versus algorithms (applied universally). #innochat
12:29:31 16:29:31	**Dale H. ������** @dshlvrsn	RT @AcademyOfRock: @JohnWLewis @mikey3982 They have standardised the customer expectation to some degree #innochat - still discretion is ap...

12:29:49 16:29:49	**Peter Cook** @AcademyOfRock	@JohnWLewis @DreaVilleneuve @mikey3982 Yes indeed #innochat
12:30:15 16:30:15	**John W Lewis** @JohnWLewis	@dshlvrsn Sometimes we don't know, but do we always know about failures in other technologies? #innochat
12:30:46 16:30:46	**Dale H. ������** @dshlvrsn	@JohnWLewis ie candidates for a position that would have done a much better job are ignored as irrelevant. #innochat
12:30:52 16:30:52	**Mike Baldwin** @mikey3982	Love it when algorithms are described as recipes then the penny drops. How many organisations talk about their secret sauce #innochat
12:30:59 16:30:59	**Dale H. ������** @dshlvrsn	RT @JohnWLewis: @dshlvrsn Sometimes we don't know, but do we always know about failures in other technologies? #innochat
12:31:19 16:31:19	**John W Lewis** @JohnWLewis	@AcademyOfRock @DreaVilleneuve @mikey3982 You probably don't worry too much that your washing machine will do somet… https://t.co/TEngAjoxwP
12:31:30 16:31:30	**Lisa Radin** @milguy23	@JohnWLewis A1 While would think the systems using algorthms wld have smarter ppl think those who run have less com… https://t.co/Ic1HhDNKAz
12:31:56 16:31:56	**Dale H. ������** @dshlvrsn	@JohnWLewis No. There are mountains of satisfactory under-performance "No one ever got fired for buying IBM" until they did… #innochat
12:32:34 16:32:34	**John W Lewis** @JohnWLewis	@mikey3982 Yes, most organizations have processes. The issue is how we deal with safety when they are automated. #innochat
12:32:52 16:32:52	**Peter Cook** @AcademyOfRock	@JohnWLewis @DreaVilleneuve @mikey3982 Yes good point #innochat
12:33:08 16:33:08	**Lisa Radin** @milguy23	@JohnWLewis A2 Those involving ppl and emotions. Sorry, don't think at this point a machine or program has EQ. #innochat
12:33:25 16:33:25	**Dale H. ������** @dshlvrsn	RT @JohnWLewis: @mikey3982 Yes, most organizations have processes. The issue is how we deal with safety when they are automated. #innochat
12:33:27 16:33:27	**John W Lewis** @JohnWLewis	@dshlvrsn Haha, no one got fired for buying IBM or Microsoft, as long as they didn't buy both! #innochat
12:33:50 16:33:50	**John W Lewis** @JohnWLewis	@milguy23 Hi Lisa! Great to see you again. #innochat
12:33:51 16:33:51	**Erin Liman** @liman	RT @skap5: We must get better at differentiating the use of heuristics (applied flexibly) versus algorithms (applied universally). #innochat
12:34:26 16:34:26	**John W Lewis** @JohnWLewis	@milguy23 That may well be the key point, automated processes have no EQ. #innochat
12:34:44 16:34:44	**Lisa Radin** @milguy23	@JohnWLewis A3 Failure is a loss of something - sale, customer, attitude - some ya won't figure out until too late…. https://t.co/sqXyujQGCA
12:35:35 16:35:35	**Dale H. ������** @dshlvrsn	RT @JohnWLewis: @milguy23 That may well be the key point, automated processes have no EQ. #innochat
12:35:56 16:35:56	**John W Lewis** @JohnWLewis	Let's bear in mind, we are building up to the final Q about whether, in the US, a National Algorithm Safety Board is the answer. #innochat
12:36:12 16:36:12	**Lisa Radin** @milguy23	@IBMWatson claims #EQ I think - but whose EQ? #innochat https://t.co/YNIjg6DwMt
12:37:04 16:37:04	**John W Lewis** @JohnWLewis	@milguy23 Yes, and it could be loss of life. BTW: @mikey3982's flight is due to depart in 3 minutes! #innochat
12:37:30 16:37:30	**Andrea Villeneuve** @DreaVilleneuve	@JohnWLewis @mikey3982 Processes are building blocks. Organizations consist of humans - you need a balance of human and process #innochat
12:37:38 16:37:38	**John W Lewis** @JohnWLewis	#innochat https://t.co/ZPfjCEuXgK
12:37:44 16:37:44	**Peter Cook** @AcademyOfRock	@mikey3982 @JohnWLewis @DreaVilleneuve Algorithms are helpful for "routinising the routine" - if they could learn t… https://t.co/3CtZj9CVak

12:37:48 16:37:48	**John W Lewis** @JohnWLewis	#innochat https://t.co/6iP8zbO7JL
12:38:00 16:38:00	**John W Lewis** @JohnWLewis	Q4 How do we handle safety in other disciplines and where does algorithmic safety fit in that regime? #innochat
12:38:24 16:38:24	**John W Lewis** @JohnWLewis	@LouHayesJr @dshlvrsn @DreaVilleneuve @AcademyOfRock @mikey3982 Hi Lou! Great to see you. Please add the hashtag... https://t.co/i81eHEjBJQ
12:38:38 16:38:38	**Dale H. ◌◌◌◌◌◌** @dshlvrsn	RT @JohnWLewis: @milguy23 Yes, and it could be loss of life. BTW: @mikey3982's flight is due to depart in 3 minutes! #innochat
12:38:42 16:38:42	**Peter Cook** @AcademyOfRock	@LouHayesJr @JohnWLewis @dshlvrsn @DreaVilleneuve @mikey3982 Most useful Lou #innochat
12:38:46 16:38:46	**Dale H. ◌◌◌◌◌◌** @dshlvrsn	RT @milguy23: @IBMWatson claims #EQ I think - but whose EQ? #innochat https://t.co/YNIjg6DwMt
12:39:42 16:39:42	**Dale H. ◌◌◌◌◌◌** @dshlvrsn	#innochat https://t.co/gvF6fYm0QA
12:40:19 16:40:19	**Dale H. ◌◌◌◌◌◌** @dshlvrsn	RT @JohnWLewis: @LouHayesJr @dshlvrsn @DreaVilleneuve @AcademyOfRock @mikey3982 Hi Lou! Great to see you. Please add the hashtag #innochat
12:40:31 16:40:31	**Lisa Radin** @milguy23	@JohnWLewis A4 Depends who is on the algorithmic team? Linear thinkers or non-linear? #WhatIf 's are practically infinite. #innochat
12:40:52 16:40:52	**Dale H. ◌◌◌◌◌◌** @dshlvrsn	@JohnWLewis @LouHayesJr @DreaVilleneuve @AcademyOfRock @mikey3982 Lou is a very great thinker and doer. #innochat
12:40:58 16:40:58	**Lou Hayes, Jr.** @LouHayesJr	@JohnWLewis @dshlvrsn @DreaVilleneuve @AcademyOfRock @mikey3982 Sorry to barge in. I get geeked up over #systems. I... https://t.co/r5QRD9a9dR
12:41:06 16:41:06	**John W Lewis** @JohnWLewis	A4 It seems to me that algorithms, automation, software, ... or whatever ... is "just" another technology. #innochat
12:41:42 16:41:42	**John W Lewis** @JohnWLewis	@LouHayesJr @dshlvrsn @DreaVilleneuve @AcademyOfRock @mikey3982 You're not barging in! Everyone's welcome, no invit... https://t.co/HR89xPxtLv
12:42:55 16:42:55	**John W Lewis** @JohnWLewis	A4 In other disciplines, it is recognised that safety issues (accidents) involve multiple aspects of the system/product/process #innochat
12:43:14 16:43:14	**Lisa Radin** @milguy23	@JohnWLewis A4 Not sure want to know that flying or something that can kill w a wrong decision, not sure if want 2... https://t.co/kWUb1qQYxP
12:43:23 16:43:23	**Peter Cook** @AcademyOfRock	RT @dshlvrsn: @JohnWLewis @LouHayesJr @DreaVilleneuve @AcademyOfRock @mikey3982 Lou is a very great thinker and doer. #innochat
12:43:38 16:43:38	**Lou Hayes, Jr.** @LouHayesJr	@JohnWLewis A4. Risk management (AKA: safety), while not objective/quantifiable, is relational & often articulable.... https://t.co/66bKEf8PCA
12:43:58 16:43:58	**John W Lewis** @JohnWLewis	@Carol_Stephen Well, that would be a problem, as it would for other kinds of safety board. #innochat
12:44:10 16:44:10	**Lisa Radin** @milguy23	@JohnWLewis A4 Think 'trust' is missing component of biz run by algorithmic. Healthcare seems to be changing that. Not yet. #innochat
12:45:11 16:45:11	**TwitLiveEvents** @TwitLiveEvents	June 29, 2017 at 01:00PM Twitter Chat - #InnoChat #TwitterChat Visit https://t.co/52cTeoQ3Zw for more events.
12:45:39 16:45:39	**Lou Hayes, Jr.** @LouHayesJr	@JohnWLewis A4b. Can just as easily change the axis & turn this into REWARD! #innochat
12:45:42 16:45:42	**Lisa Radin** @milguy23	@mikey3982 @JohnWLewis A haha in #innochat
12:45:47 16:45:47	**John W Lewis** @JohnWLewis	A4 Safety in other fields considers whole systems, not just the part implemented in one technology. #innochat
12:47:28 16:47:28	**John W Lewis** @JohnWLewis	@mikey3982 @milguy23 According to Wikipedia: "The A319neo is the least popular variant of the Airbus A320neo family... https://t.co/9rvGODrarQ

12:47:34 16:47:34	**Lisa Radin** @milguy23	@LouHayesJr @JohnWLewis @dshlvrsn @DreaVilleneuve @AcademyOfRock @mikey3982 Who is Chicago police/super? We shld ta… ~~https://t.co/9D5zzY1gpu~~
12:47:59 16:47:59	**John W Lewis** @JohnWLewis	Last Q coming up… #innochat
12:48:00 16:48:00	**John W Lewis** @JohnWLewis	Q5 Is a safety board the right approach? #innochat
12:48:59 16:48:59	**John W Lewis** @JohnWLewis	A5 imho, No. I think that @benbendc's Turing Lecture describes a major problem, but proposes the wrong solution. #innochat
12:50:10 16:50:10	**Lisa Radin** @milguy23	@JohnWLewis A4 Remember Bruce Wllis drilling for the hole in movie Armageddon? The algorithm said to stop. Willis s… https://t.co/l6yQWz2azG
12:50:20 16:50:20	**John W Lewis** @JohnWLewis	@milguy23 Haha! EQ is an issue. But, in general, one antidote to fear is knowledge. #innochat
12:50:20 16:50:20	**Saul Kaplan** @skap5	God help us if we have to depend on a National Algorithm Safety Board to save us from the Singularity! #innochat
12:50:40 16:50:40	**Dale H. ⬥⬥⬥⬥⬥** @dshlvrsn	RT @JohnWLewis: Q5 Is a safety board the right approach? #innochat
12:50:46 16:50:46	**Dale H. ⬥⬥⬥⬥⬥** @dshlvrsn	RT @JohnWLewis: A5 imho, No. I think that @benbendc's Turing Lecture describes a major problem, but proposes the wrong solution. #innochat
12:50:59 16:50:59	**Dale H. ⬥⬥⬥⬥⬥** @dshlvrsn	RT @skap5: God help us if we have to depend on a National Algorithm Safety Board to save us from the Singularity! #innochat
12:51:10 16:51:10	**Dale H. ⬥⬥⬥⬥⬥** @dshlvrsn	RT @JohnWLewis: @milguy23 Haha! EQ is an issue. But, in general, one antidote to fear is knowledge. #innochat
12:51:11 16:51:11	**John W Lewis** @JohnWLewis	An NASB might see a/the singularity coming! ;-) #innochat https://t.co/sUoCyuK3nd
12:51:19 16:51:19	**Lisa Radin** @milguy23	@JohnWLewis EQ not only fear. Commonsense. Can you teach commonsense to software? #innochat
12:52:04 16:52:04	**John W Lewis** @JohnWLewis	A5 imho, the whole NAlgorithmSB concept is misguided. We don't have safety boards for electronics/hydraulics/pneumatics … #innochat
12:52:56 16:52:56	**Meow Bot** @meowzzzzzzzz	RT @JohnWLewis: An NASB might see a/the singularity coming! ;-) #innochat https://t.co/sUoCyuK3nd
12:53:08 16:53:08	**Dale H. ⬥⬥⬥⬥⬥** @dshlvrsn	@milguy23 @JohnWLewis I also remember Mario Andretti trying to out stop 'smart' ABS brakes. He couldn't. #innochat
12:53:21 16:53:21	**John W Lewis** @JohnWLewis	… We have safety boards for usage areas: transport/medicine/finance, i.e. applications, not technologies. #innochat
12:53:45 16:53:45	**Lisa Radin** @milguy23	@JohnWLewis A5 A safety board? To what? Protect things, profit or people? #innochat
12:54:38 16:54:38	**Lisa Radin** @milguy23	@dshlvrsn @JohnWLewis OK. But then there was Sully - who landed in a river. #innochat
12:54:51 16:54:51	**John W Lewis** @JohnWLewis	@milguy23 The suggestion by @benbendc is an equivalent to the US's National Transportation Safety Board. It investi… https://t.co/miepfHNkRD
12:55:08 16:55:08	**Dale H. ⬥⬥⬥⬥⬥** @dshlvrsn	RT @milguy23: @dshlvrsn @JohnWLewis OK. But then there was Sully - who landed in a river. #innochat
12:56:04 16:56:04	**John W Lewis** @JohnWLewis	@milguy23 @dshlvrsn Well, Sully recommended an NTSB equivalent for healthcare. That's a much better suggestion. #innochat
12:56:07 16:56:07	**Lisa Radin** @milguy23	@JohnWLewis @benbendc So you're asking for 'an after-the-fact' safety board ? Think cybersecurity more of a threat than anything. #innochat
12:56:08 16:56:08	**Mike Baldwin** @mikey3982	@JohnWLewis FDA do and I have a recollection that they are looking at algos. https://t.co/8HcZBY1IXR #innochat

12:56:40 16:56:40	**Dale H. ������** @dshlvrsn	@JohnWLewis @milguy23 @benbendc That's great for cars and washing machines. What flag goes up for credit scores? #innochat
12:57:11 16:57:11	**Dale H. ������** @dshlvrsn	RT @JohnWLewis: @milguy23 @dshlvrsn Well, Sully recommended an NTSB equivalent for healthcare. That's a much better suggestion. #innochat
12:57:19 16:57:19	**John W Lewis** @JohnWLewis	@milguy23 @benbendc Aviation is much safer for having thorough accident investigations and recommendations, without blame. #innochat
12:57:31 16:57:31	**Lisa Radin** @milguy23	@JohnWLewis @dshlvrsn A successful impossible act does not make one brilliant. ha #innochat
12:57:42 16:57:42	**John W Lewis** @JohnWLewis	@mikey3982 Good. #innochat
12:58:00 16:58:00	**John W Lewis** @JohnWLewis	Thank you, wonderful innocats, for your insightful contributions to this #innochat!
12:58:01 16:58:01	**Dale H. ������** @dshlvrsn	RT @milguy23: @JohnWLewis @dshlvrsn A successful impossible act does not make one brilliant. ha #innochat
12:58:24 16:58:24	**Lisa Radin** @milguy23	@JohnWLewis @benbendc True. But not sure how safety board would work. Safety for ppl, things, places, profit? #innochat Methinks ppl #1.
12:59:21 16:59:21	**Lisa Radin** @milguy23	@JohnWLewis @benbendc The part "without blame" sounds so refreshing in this day/age of bullying and BS. #innochat
12:59:52 16:59:52	**John W Lewis** @JohnWLewis	@milguy23 @benbendc Yes, primarily people. The safety board concept is not new. The issue is how to cover algorithms/automation. #innochat
13:00:47 17:00:47	**John W Lewis** @JohnWLewis	@milguy23 @benbendc Well, there is no blame attached in NTSB (AAIB, for aviation in the UK) reports, which are all... https://t.co/TTdTFPYE3v
13:00:49 17:00:49	**Lisa Radin** @milguy23	@JohnWLewis @benbendc That seems like the same twist w different name to cybersecurity? #innochat
13:01:40 17:01:40	**Lisa Radin** @milguy23	@JohnWLewis @benbendc Just thinking in general. It's the Trump syndrome:(#innochat
13:07:15 17:07:15	**John W Lewis** @JohnWLewis	@milguy23 @benbendc That is a good point. There will certainly be overlaps between cybersecurity and algorithm safety. #innochat
13:08:22 17:08:22	**John W Lewis** @JohnWLewis	#innochat https://t.co/eZQs2TTnXQ