

Chat Transcript

Big Data And You: Normalizing the practices of privacy

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4T Data Literacy Conference – July 21, 2017

This is an edited, abridged version of the chat transcript (we've removed things like tech support requests and hellos). Last names have been removed.

Peggy: Every single session in this conference has been outstanding! I have learned so much and have so much to explore with all of the resources being shared.

Alicia: yes the last session was great

Kristin (Moderator): @Alicia - I'm glad! I think it's fun to play in citizen science projects online — they relax me at the end of the day

Amy (Staff): If you missed any sessions they'll all be here eventually:

<http://datalit.sites.uofmhosting.net/conference/schedule>

Michelle: @Peggy - I've enjoyed them all too for the same reasons

Karen: Really looking forward to this segment.

Kristin (Moderator): <http://dataliteracy.si.umich.edu/conference>

Kristin (Moderator): #4tdl

Amy (Staff): Karen, inside intell tells me it's gonna be great

Peggy: I loved the session yesterday with Susan Ballard on privacy and her personal experiences re identity theft and other hacking info.

Amy (Staff): <http://www.4tvirtualcon.com/4t-digital-writing-conference.html> for those interested in the writing conference

Angie (Staff): Peggy: Susan's session was SO interesting!

Samantha: I agree with Peggy- that was a great session.

Angie (Staff): It made it so real!

Kristin (Moderator): Now that I'm off-mic, I'm happy to answer questions in the chat or to save them up for Jole. Let loose!

Denise: voting issues

Alicia: digital citizenship is so important starting young is critical with all the access they have now

Alicia: language is important

Kristin (Moderator): chooseprivacyweek.org

Alicia: thanks for the link

Kristin (Moderator): privacyrevolution.org

Kristin (Moderator): @Denise - voting issues was one of the most popular responses on our registration survey about why data lit was important for students

Amanda: That's very cool! We have homeroom at our school which is k-12 so this would be awesome to share and do as whole school!

Kristin (Moderator): I love Jole's angle — helping students to make good choices, not telling students what to do

Amanda: not as a whole school but across the whole school

Kristin (Moderator): It's empowering to talk about choices; it's limiting to be told what you can't do

Alicia: nice idea

Kristin (Moderator): Find the viz here —>

<http://www.informationisbeautiful.net/visualizations/worlds-biggest-data-breaches-hacks>

Kristin (Moderator): haveibeenpwned.com/ —> search your info to see if you've been hacked

David: I've been informed twice in the past year from "have I been pwned?"

Kristin (Moderator): (to see if your account has been hacked, not your hard drive or computer, that is)

Dawn: That is good to know!

Kristin (Moderator): @Brandon. Sadly, no. It means someone hacked a site where you have an account.

Amy (Staff): LinkedIn

Nicole: My oldest email account. "pwned" 3 times - :(

Stefanie: I've been pwned! (MySpace breach within my Yahoo account)

Amber: Turns out mine has been breached! Oh no! 5 times

Peggy: it's reassuring to know that everything that comes up for me were hacks that I had been informed about immediately by the site management.

Nika: Two accounts were okay. One account was pwned!

Angie (Staff): If I put an account in, isn't that bad ... Am I not giving pwn a possible email address that could get pwned

Kathy: aack

Sara: I have 2 breaches on my email

Sandra: yep - linkedin

Kristin (Moderator): When I did this test, HomeDepot did not come up, but I know Home Depot's customer data was hacked ... so this may not be all-inclusive ...

Kristin (Moderator): The empowering thing is that now you know where you need to change your password

Leslie: Old AOL account was good but old college email address has been

Michael: I only had 5 on a 15 year old email, and I already knew about all of em. I honestly thought it would be more.

Michelle: 6 times for mine, but I was aware of the breaches and changed my passwords. I tend to do unique, one off passwords to make things slightly more difficult.

David: The site scans the "dark web" for private data on offer for sale.

Kristin (Moderator): <https://xkcd.com/936/>

Robbie: I found one breach, but that company had alerted me to the fact that I need to change my password.

Kathy: EDMODO breached?!!

Alicia: me too dropbox 2012, and snapchat 2014

Kristin (Moderator): source: world.std.com/~reinhold/diceware.html

Peggy: Yes Edmodo had a hack

Leslie: EDMODO and Adobe which are two common educator sites I would think

Alicia: really neat idea

Kristin (Moderator): [source: archive.org/details/using-password-managers-to-stay-safe-online](https://archive.org/details/using-password-managers-to-stay-safe-online)

Alicia: great to use this as an activity during a digital citizenship seminar

Kristin (Moderator): @Alicia - great! Sometimes, five minutes and teens who want to outfox adults are all we need for them to be savvier :)

Alicia: yes!

David: I'd use a print dictionary to do the same thing: your ISP is always watching you on Diceware.

Shannon: The prevalence of password requirements (sites require you to use numbers and special characters) is frustrating for exactly the reason illustrated by xkcd.

Kristin (Moderator): @David makes an intriguing point — one of this Congress's earliest acts in 2017 was to pass legislation allowing your ISP (e.g., Comcast) to save and sell your personal data.

Alicia: i like the idea of having the students be the experts for their peers

Alicia Talbot: especially with young buddies at school

Kristin (Moderator): (We have two case studies around that legislation coming in our book that's in press. Ping Tyler from our team here if you'd like to discuss further!)

David: There are also no NSA "backdoors" to a printed dictionary!

Alicia: looking forward to the casestudies

Kristin (Moderator): @Alicia - I know we sound like the annoying aunt who keeps hinting at your awesome Xmas present but won't leak any details

Alicia: haha. just remember to email out once its ready to read

Amy (Staff): All materials, including case studies will be here in the Fall of 2017
<http://dataliteracy.si.umich.edu>

Kristin (Moderator): go to this site: <https://clickclickclick.click/>

Caroline: I teach ELA and wondering if the type of stuff that is being talked about here is being taught to students in their computer classes or if it is not really attached to that and should all teachers be taking the lead in this type of lesson?

Alicia: is there supposed to be a creepy stalker guy talking?

Peggy: WOW!!! Incredible!!!

Brandon: Wow

Jennifer: I didn't click the button— I REALLY wanted to, but I didn't!

Peggy: even passes judgment on my choice of browsers!

Stephen: creepy!

Amber: I got complimented on my browser haha but yes very creepy

Brandon: "Don't go, Don't go" - Crazy

Kristin (Moderator): You might want to close out your window so it stops talking to you

Nicole: It said I was faster than most to click the button Creepy!

Peggy: I clicked the button and it said it took me 83 seconds to do it—faster than most others :-)

Kristin (Moderator): <http://webkay.robinlinus.com/> DEFINITELY WORTH VIEWING LATER!

Sara: ack!

Michelle: My cursor speed was average

Peggy: I've never heard of that site but it would be great to use with students!!

Dawn: WOW!!!

Beth: I clicked it too! It said that I'm adventurous! I'm pretty sure that's not the best descriptor!

Peggy: sometimes it's a tough choice on whether to allow tracking or not

Kristin (Moderator): <https://www.eff.org/privacybadger> and <https://www.ghostery.com/>

Alicia: sorry how did you get the page with the personal info and map locating you?

Kristin (Moderator): @Alicia —> <http://webkay.robinlinus.com/> (map locating you & personal info)

Alicia: thank you!

Caroline: and who has set the regulations for what can and can't be seen?

Kristin (Moderator): I have the Ghostery extension installed and checked three media sites to see how many trackers/beacons/etc. there were. Fox, 16. CNN 22. New York Times 33!!

Amy (Staff): The chat will also be available in an archive with last names removed (for privacy)

Kristin (Moderator): ISPs = Comcast, Bright House, etc. They can sell your data they've collected

Peggy: thanks Amy! That's great news about the chat!

Alicia: ugh great to know I can add to the list of people who sell private data

Kristin (Moderator): Wendy's session is archived online w/resource list, chat transcript, video, slide deck —> <http://dataliteracy.si.umich.edu/conference/schedule>

Alicia: the last slide, what was the one that had an onion in the name

David: Many free VPNs sell your browsing data too, and more than a third of Android VPNs contain malware.

Kristin (Moderator): @Alicia TOR

Alicia: ah thank you

Kristin (Moderator): <https://www.theatlantic.com/technology/archive/2017/03/encryption-wont-stop-your-internet-provider-from-spying-on-you/521208/> and

<https://www.nytimes.com/2017/07/03/smarter-living/how-to-see-what-the-internet-knows-about-you.html>

Kristin (Moderator): Note to Self podcast —> <http://www.npr.org/podcasts/452538677/note-to-self>

Kristin (Moderator): :)

Kristin (Moderator): The episode Jole references: <https://project.wnyc.org/privacy-paradox/>

David: I clicked on the link to the NPR site and they knew I was in Maine. Yikes.

Kristin (Moderator): It IS animated!

Alicia: haha anyone else starting to feel like we're being stalked all the time?

Kristin (Moderator): @Alicia - there is a book called THE AISLES HAVE EYES that talks about all the ways in which stores want to capture your attention and your data. One corporate guy gets very huffy about protecting "his" data ... that isn't his at all ...

Nicole: @ Alicia - Yes, ... The Truman Show

Alicia: yes what could students use to create a tutorial like the one you just did

Lynn: an ah.... OhNO moment - "haha anyone else starting to feel like we're being stalked all the time?"

Alicia: haha I was just thinking about that movie

Peggy: So true! We know we're being stalked/tracked all the time!

David: When I went to the same NPR page using Opera's VPN, NPR thought I was in Tacoma, Washington.

Kathy: the grocery store my mom worked in in the 50's had this information. business standard?

Amanda: its crazy when you stop and really think about it. we really are always being watched...

Beth: The question is not so much IF we're being tracked, but WHY?

Kathy: just updated technology?

Raquelle: This is good for adults (teachers), too!

Kathy: totally with photos as teachers!!

Kristin (Moderator): Kathy, the difference is that Target knows exactly the items YOU bought with your credit card and can track those purchases over time ...

Peggy: that's the challenge! how to figure out what we can manage without eliminating important communication tools!

Kathy: use cash

Kristin (Moderator): Right - it's about being knowledgeable so you make good choices

Kristin (Moderator): Don't say anything if you know this photo. Save the surprise!

Kathy: oh right, the big corporations are phasing out the cash by allowing us to use paperless billing, and store cards to electronically pay later

Michael: People play games online to see who can identify the location of photos with as little identifiable information as possible. It gets pretty creepy.

Alicia: cool I didn't know you could do that

Alicia: yes fun but creepy

Alicia: interesting

David: Thanks! Done.

Kristin (Moderator): Jole recommends these articles:

<https://www.nytimes.com/interactive/2016/03/03/technology/apple-iphone-fbi-fight-explained.html>, <http://www.npr.org/sections/alltechconsidered/2016/12/03/504130977/a-year-after-san-bernardino-and-apple-fbi-where-are-we-on-encryption>

Kristin (Moderator): <https://www.youtube.com/watch?v=TImdsUglGv4>

Peggy: it seems like we have to choose all or nothing with the choice to allow notifications. If we don't say yes we can't use the app. Wish we had a choice!

Alicia: nicely done

Beth: Very Good!

Danica: very cool

Amanda: wow. interesting for sure!

Stephen: interesting

Renee: Good for a start to a discussion

Alicia: the video does a better job than I would

Peggy: do we have any control over the public/private keys? not sure how helpful it would be for students to know

Alicia: If I can understand, then my students def could

Kristin (Moderator): You can find the graphic here:

<https://www.recode.net/2017/4/15/15297316/apps-whatsapp-signal-imessage-hacking-hackers-messages-privacy>

David: You can also encrypt your entire home directory in some operating systems.

Kristin (Moderator): Signal: <https://whispersystems.org/>, <https://www.whatsapp.com/>

Alicia: how does this work in places like the UAE where they've bought tech to 'catch' emails and what not (sorry, clearly I don't have a strong tech background)

Alicia: nice analogy helps to understand

David: The U.K. has been trying to crack WhatsApp after recent terrorist attacks.

Kristin (Moderator): <https://protonmail.com/signup>

David: I joined ProtonMail yesterday, so thanks, Wendy! They also have an interesting VPN.

Alicia: will proton mail work in countries like the UAE and China?

Kristin (Moderator): To watch later —> youtube.com/watch?v=ixloDYVfKAo (And here goes Auntie Kristin again: we have a case study on self-driving TRUCKS coming out in a few months ...)

David: The answer about Proton Mail and China: <https://www.protonvpn.com/blog/threat-model/>

Kristin (Moderator): Tx, @David

Alicia: thank you

Kristin (Moderator): (Nobody tell Jole that we have a huge autonomous vehicle program on our North Campus here in Ann Arbor. They're starting a small autonomous vehicle student shuttle in the fall)

Brandon: Crazy

Kristin (Moderator): (I told you guys not to tell her)

Kristin (Moderator): The article Jole mentions:
<http://www.npr.org/2016/08/23/491024846/do-you-read-terms-of-service-contracts-not-many-do-research-shows>

Brandon: "Small" shuttle - 50 feet down the sidewalk. :)

Alicia: It's a nice facility

Kristin (Moderator): @Brandon - pretty close to the case

Peggy: sadly, even if you read the TOS it's almost impossible to understand all of the legalese!

Kristin (Moderator): Anyhow, back to Jole's discussion - I'm reposting the link:
<http://www.npr.org/2016/08/23/491024846/do-you-read-terms-of-service-contracts-not-many-do-research-shows>

Kristin (Moderator): Jole is a go-to reference for creating zines

Alicia: do have an example of student work?

Kristin (Moderator): Here is the WIRED article from Jole's previous slide:
<https://www.wired.com/story/innovation-ethically/>

David: Re: ownership: debating the virtues of "open source" software versus propriety software raises good questions in the classroom.

Kristin (Moderator): @Tina - and sometimes their school is the one posting about them!

Karen: Thank you for touching on the important topic of ethics.

Kathy: learning is good

Kristin (Moderator): jseroff@castilleja.org

Kathy: Thank you for gathering all this data and presenting & sharing!!!

Participant: Thank you! I installed that badger tracking protection thing :)

Alicia: thank you Jole this was really informative and helpful, has given me a lot to think about and homework :)

Rebekah: Thank you for all of this helpful information.

Karen: Great question

Peggy: thank you so much Jole! Outstanding information and great suggestions for teaching this to students!

Kathy: This is NOT being taught in the computer classrooms at least K-6 in many schools near Ann Arbor.

Renee: I think teachers want to teacher it, but they don't know how or what to teacher. Maybe if librarians and edtech integrationists share topics and resources to teachers, especially short lessons the classroom teachers can easily integrate, would help.

Rebekah: I think students need to be prepared for what is ahead for them

Renee: Sorry - want to "teach" not "teacher" it

Alicia: with Liz Kolb we did a great mini digital citizenship project at a Middle School in A2

Beth: You did such a great job of giving fun lesson ideas that kids would enjoy while dealing with these important issues!

Kathy: YES!!

Nicole: Thank you, Jole. An insightful presentation!

Alicia: one of the librarians for elementary in A2 does a great job with this and is starting even with the K classes

Renee: Often I found that lessons are reactive - after something happens - rather than proactive.

Kathy: I'd love to connect

Dawn: This was a enlightening presentation!

Brandon: :)

Kristin (Moderator): @Renee - agree - and then we have to act quickly instead of planning a thoughtful, lower-stress approach

Peggy: great point Renee!

Kristin (Moderator): Don't go yet, but here's the evaluation link <now closed>

Susan: Thought provoking information and ideas.

Amy (Staff): You'll be eligible for door prizes after filling out the eval

Renee: Snagit or any screen capture tool will work

Peggy: student-created posters would even be better :-)

Alicia: thanks

Alicia: working there this year so a bit worried

Alicia: as the gov is catching them now

David: Thanks so much, Jole. This was very informative.

Kristin (Moderator): @Alicia - ohhh! Not a hypothetical question! Find the expat community there - they will likely have solved this. Expats in China knew so much about VPNs when I was there!

Stephen: It's like a cat and mouse game..

Alicia: great thank you!

Brandon: Thanks much Jole. Good stuff.

Tyler (Staff): Here is the link to the next session <no longer active; see <http://dataliteracy.si.umichedu/conference/schedule> instead>

Caroline: Great session! Thanks