CPSC 470 Balancing data privacy and risks: 5G and Covid19 case study discussion

# Learning objectives:

* Understand the framework suggested to help provide user privacy and ethical data collection with 5G
* Identify the personal privacy and data risks for surveillance and infectious disease monitoring used during covid-19
* Evaluate and analyze the involvement and impact of law and enforcement over the data collected

# Read pages listed from the article below (you are welcome to read the entire article!):

* America’s 5g era: Balancing Big Data and Privacy <https://www.rand.org/content/dam/rand/pubs/perspectives/PEA400/PEA435-5/RAND_PEA435-5.pdf>
  + COVID-19 as a Case Study: pg 17-22

# Answer the following reflection questions:

1. How could one ethically collect data via apps used for surveillance? Does it impact racial and sexual minorities in any way?
2. Ethics and legal implications of collecting such data: what aspects should a framework or federal regulation do these techniques have to be bound by?
3. How much trust do you put into the technological companies do you put with your data in terms of safety? What about ethics?
4. What advantages do you see with data collected to deter an infectious disease? Would you feel the same way if data is collected for a different purpose: law and enforcement?
5. How does the five-C-framework described in the article help with user data privacy? Are there other aspects to be considered?

**Discussion Steps (to be held in class):**

This discussion is meant to get you to think deeper about privacy and ethical issues surrounding while giving more time to process compared to synchronous discussions. You will:

1. Read/watch the provided material above.
2. Post your own reflection post with answers to questions above (within one week from discussion opening).
3. You are welcome to respond to other’s threads.
4. Participate in class discussion based on questions you posted earlier.