1. 4 key points from the guest lecture

- It's not just about data, it's about people. We generated a variety of things on the internet, we share opinions about ourselves. Respect data, think about this from a personal level.
- COPPA, Children's Online privacy protection act. The intent was to increase parental involvement in children's online activities and protect children's personal information for age under 13.
- GDPR, data protection principles. There are 7 protection and accountability principles for data processing that data scientists should be aware of.
- Geography matters because of cross-border data transfer and very few apps are run locally. Therefore, understand the regulation of the type of data we are dealing with as it varies from county to country.

2. Learning reflection

I do have a reflection from my experience when I was working as a data analyst in a research center. In the transition from in-person to online working during the pandemic, I was asked to copy some of the data that I need for my work. The data is about the study participants, and my supervisor told me not to share it with anyone and delete everything after my contract ends. She was very careful about what data I can copy and asked me to create a systematic file tracking log. It shows what files I took, the files I updated, and the locations of the files. She must approve it before I take the file to my home. I was ignorant that I thought she was not trusting me, and thinking I will steal the data for other purposes. However, I realize that there are a lot of regulations involving personal privacy especially in medical research and the organization is just loaning the data from the study participants. After the study is completed, the data should be destroyed because it is now allowed to keep data forever. My supervisor does not own the data, she was loaning the data for her study. Furthermore, the

data is about people, and she does not want something to go wrong. I respect that she was

strived to meet the highest standard, and I will do the same thing in my future career.