

VIP Joint Communique

Background:

Big Data is an extremely large data set that may be analyzed to reveal patterns, trends, and associations relating to human behavior and interactions. Team A argued that Big Data should be used in today's society as it benefits businesses, healthcare, and security. However, Team B argued that Big Data should not be used because it can lead to privacy and discrimination issues, hinders the growth of companies, and places an enormous amount of power in the government's/company's hands.

Solution:

We agreed that this is impossible. Big Data is currently too ingrained in our current society that and has too many people relying on the benefits of such a system, similarly however many are currently . However, we can pose strict laws and regulations on collecting and handling the data set that organizations receive.

1. Personally tied data collected should be kept secure and not viewable to the public. Anonymized data should then be generalized to a public database.

Example: Youtube analytics keeps track of what videos a user sees. The video creator does not see what user specifically viewed their video and when.

2. Data collected should be **explicitly** stated to the user and the user should be given a chance to opt-in. Data should be processed in (or close to) real time to prevent a history database and the user can be asked on whether s/he wants to publicize personal data.
3. All data collected on an individual is property of the individual unless rights are relinquished in writing.
4. Governing forces should publicly release reasons for analyzing and collecting specific instances.
5. With the governing body's advising, medical data should be collected from the individual, if granted personal approval. Conclusions and solutions gathered from this data, should be sent back to the individual as an advice.
6. If determined dire (i.e. unconscious), the person, or legal advisor may authorise collection of data.
7. Recommender systems should not take in account race, age, gender, sex, or any other traits deemed as discriminatory.
8. Discrimination when done advertently or not, should be removed. The system in place should watch over the redevelopment of the new application.