

## Abigail Busath Week 7 Article Summaries

### “Big Data: A Tool for Inclusion or Exclusion?”

In this article, the FTC held a Workshop to discuss the benefits and dangers of Big Data, especially to underserved populations. They explored current laws that are applicable to Big Data, but also raised questions to companies about their own practices and how they effected individual consumers.

### “FTC Issues Regulatory Warning on Big Data Use

This article highlighted the FTC’s efforts to enforce companies compliance with existing laws in relation to Big Data. It illuminated a few cases in which the FTC went after companies for deceit or the unauthorized selling of data, but explained that though they caught these instances, the rules don’t cover every possible scenario.

### How to Hold Governments Accountable for the Algorithms They Use

This article advocated for transparency and holding our government accountable for decisions they make while using algorithms. It outlined several cases that were held responsible, but also explained that attempts to have transparency aren’t always successful.

### “Perspectives on Big Data, Ethics, and Society

This seminar consisted of a group of people from social scientists to data analysts who met together to discuss the importance of transparency with data. Some of the concerns they raised were educating the public and conflicts that have arisen with Big Data.

### Beyond IRB’s: Ethical Guidelines for Data Research

This article explained that with the rise of Big Data companies have been able to comb through data output by the population without having any human interaction with their studies, which is completely different than in times where to conduct a study the subjects had to give consent and work with the researchers. It explores the ethical issues that arise from these methods.

### Make Algorithms Accountable

This article reported that with the rise of Big Data there are more cries for transparency and consent to data collection. Mainly it focused on initiatives like in Europe and the Obama Administration that have attempted to give individual’s the right to challenge automated decisions that have been made about them.

### Accountable Algorithms

This article called for transparency but also explained that even with transparency the computer will not always do exactly what it says it will. They explained that with new computer science techniques they can make transparency more effective by analyzing the accountability of the computer.

## Accountable Algorithms

This author explained the difficulty in applying ethics to data. For example they talked about race being a taboo input to an algorithm, but how other pieces of data implied race. He then talked about how data sets are only as good as the individuals who collected them and how more often than not data analysts tend to have studied mathematics, engineering, or statistics and not something like social sciences.