Fall 2015	**CSC 466:** Knowledge Discovery from Data	Alexander Dekhtyar

Ethics in Data Mining Project

Due: December 8, 2015

Assignment

This year, our coursework is structured largely around the technical aspects of Knowledge Discovery in Data. In class we talk about how to achieve specific goals, how to gain insight into the data, and how to answer important questions about it.

However, KDD also has what I call a **sinister** aspect. KDD enables humans to achieve things that were not achievable before. It allows us to understand things about other human beings and their behavior, that, at other times may have remained private. KDD methods can penetrate security and privacy or individuals, organizations, governments, etc...

The class has a learning objective that states that the class will make you think about the societal impacts of KDD technologies. In the past it has been achieved by proposing a semi-plausible[1] scenario and asking the teams to design a KDD system around it. The understanding of societal impacts of KDD was achieved by discussing the design decisions with each team and making the teams understand how their design decisions affect their customers, and subjects of their analysis.

This quarter, due to collaboration with CSC 419, we have no space for a carefully driven design project. Instead, we are going to acheive the "understant societal impacts of KDD" learning objective through brute force: **you will write about it**.

The Dystopia Story

Each of you will write a short **science-fiction dystopia** story, set some time in the near, or far future. Your story **must feature prominently**

[1] Every single scenario proposed in the past is, at present, very feasible.

the use of KDD technologies, as part of the main story plot, and, to a large degree, its driving force.

You are allowed to interpret the terms **science fiction** and **dystopia** to your liking, but you **must write** an original unplagiarized story (although obvious homages to your favorite books and fanfic are allowed).

What to Submit

Submit your story as a readable, well-formatted PDF document using the following handin command

```
$handin dekhtyar story-466 <file>
```

Good Luck