Fall 2019	**CSC 466:** Knowledge Discovery from Data	Alexander Dekhtyar

Ethics in Data Mining Project

Due: Friday, December 13, 2019, 11:59pm

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, we have no space for a carefully driven design project. Instead, we are going to acheive the "understand 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).

The story does not have to be large. According to genre fiction standards, a short story is a piece of literary fiction up to 7,500 words long (7,500 to 17,500 words is a *novelette* — you definitely need not write that much). The lower bound on the size of the story is dictated by your need to actually develop a plot.

What to Submit

Submit your story as a readable, well-formatted PDF document that contains **the title of your story, your name**, and the text of the story. Submit using the following handin command

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