Emerging Trends Research

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# Artificial Intelligence and Machine Learning

## Problem/Opportunity

Artificial intelligence is starting to play a big role in our lives, becoming more and more integrated in society with each passing day, this integration of the AI goes from simple cleaning robots all the way to extremely complicated surgery robots. Slowly but surely, robots will take over most jobs.

We still do not know if this is a bad or good thing for humanity, but one thing we know for sure, AI does not discriminate or hold grudges (unless programmed to).

Because AI does not discriminate it makes it perfect for jobs where humans would discriminate. For example, online curation on websites like Facebook, Twitch, Twitter, etc.

## Research Questions

* Can AI be used to moderate and curate online content without holding grudges/discriminating against users?
  + Could AI replace all human curations?
  + What is the rate of improvement over a human?
  + What is the cost difference over a human?
  + Can AI be racist?

## Research Methods

Since it would require a lot of AI knowledge to program such a complex AI, there will be no code research, therefore no prototyping.

The main research methods that I will be using are as following:

* Available product analysis
* Literature Studying
* Community Research
* Document Analysis
* Observation
* Surveys

## Deliverables

Since the topic is extremely complicated, and I do not have the required knowledge or time to implement something this complicated in my individual project, the deliverables will only be research focused, as documents.

## Time estimation

Since this will not be implemented in the individual project, and the time constraints of the individual project are very strict, I will not work that much on this research. At most I will spend one day every two weeks.