



Automated detection of Wiki Misconduct!

credit for this project to

Arnab Sarka Charu Rawat Sameer Singh

2019 graduates, Master of Data Science

Data Science Institute, University of Virginia

[project page on Meta-Wiki](#)

presentation by

Lane Rasberry / bluerasberry

Wikimedian in Residence

Data Science @ U of Virginia

more credits at end!

Goal of this project

1. Use machine learning to examine all blocked users in English Wikipedia.
2. Based on the activity of blocked users, produce an algorithm which can rank users by the amount of likely misconduct they do.
3. Have the police bot patrol Wikipedia and publish a list of users which it accuses of misconduct.

Agenda

1. Machine learning for robot moderation
2. automated wiki moderation
3. how to go further
4. how to do research in wiki

Machine learning for moderation

1. humans do moderation millions of times in an online platform
2. artificial intelligence (AI) examines that moderation and creates an algorithm to replicate it
3. the artificial intelligence does labor using that algorithm
4. humans oversee the AI to correct it
5. soon, the AI needs less human support to do work

Want to learn more?

- machine learning
- data science
- artificial intelligence
- text mining
- natural language processing

Automated wiki moderation

Wooooo view the publications!

Media from the project



research
article

on-wiki
reporting

ethics
review

video
report

Automated wiki moderation



get data



work for 8
months



publish in
the open



next cycle

Summary

1. collect list of English Wikipedia's 1.1 million blocked users, 2004-2018
2. consider 6 million unblocked users, 2017-18
3. too much data to compute, exclude 95%
4. apply machine learning models
5. generate list of users who likely merit a block

Going further

Pros

1. greatly aids humans
2. scales
3. inexpensive
4. recruits new community
5. really cool

Cons

1. replaces humans
2. propagates wildly
3. organization required
4. new disparities
5. creepy af

Recommendations for next steps

1. promote wiki discourse on human / bot interaction
2. standard labels in wiki moderation
3. develop wiki research infrastructure
4. establish public / private spaces to review misconduct accusations ethically

How to do wiki research

1. document on wiki
2. free and open licensing
3. leave the wiki community members ALONE
4. publish self-evaluation of ethics
5. share credit with wiki community organizations

Thanks and credits

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SlidesCarnival

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slides template

user:blueraspberry

