



# Automated detection of Wiki Misconduct!

**credit for this project to**

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**[project page on Meta-Wiki](#)**

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**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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user:blueraspberry

