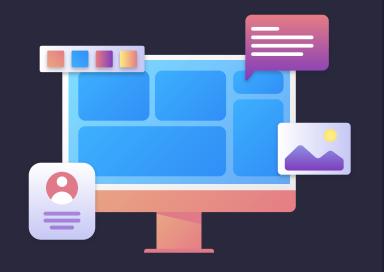


Discord Spam Detector

Tamara Frances











Content

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- **Q2** Problem Statement
- Streamlit
 Exploratory Data Analysis
 Models
 Misclassifications
 Demo













What is Discord?

- Social media platform
- 150 million active users
- Public and private groups
- Messaging and voice chat









Discord's Spam Problem

In November 2021, in response to an increase of spam on the platform, Discord's policy and safety team put out a detailed report on steps being taken to fight spam.

POLICY & SAFETY

HOW WE'RE FIGHTING SPAMMERS ON DISCORD



Graggle

November 12, 2021

You know it. We know it. Spam is a problem on Discord. We treat this issue with the same level of seriousness as any other problem that impacts your ability to talk and hang out on Discord, fine-tuning our anti-spam systems daily to catch more and more spammers and spam content.









Sample Spam Messages









noah070502 05/16/2022 TREASURY 💎

https://discord.gg/mhQGein 717

A new world of 10,000 distinctive NFT collectables. This project is about the seamless mergence of art, aesthetics and defi!

Launching 2022!

The Nifty Announcement

Yesterday at 3:38 PM

Hi @ The Nifty

Portal NFT Exclusive Limited Sale is LIVE!

Mint Only At: https://mintnftcheaper.com/TheNift yPortal (all other links are FAKE)







Problem Statement

My goal was to create a classification model that determined whether or not a Discord message was spam in order to reduce user interaction with potentially malicious messages.

















