

# IMPROVEMENTSCAN - CANVAS

# Ai-contentanalyse

NAME: Ai-contentanalyse



DATE: July 3, 2025 5:37 PM

## DESCRIPTION OF TECHNOLOGY

Ai-gestuurde moderatie functie om misbruik tegen te gaan, zonder dat het in strijd gaat met het doel van de app Telegram.

## HUMAN VALUES



Er moet meer transparantie zijn in hoe berichten of inhoud wordt gecensureerd, daarvoor moet de algoritme up-to-date gehouden worden. Dit kan gedaan worden door toevoeging van menselijke rapporten op bepaalde accounts of groepen, waardoor deze chats worden gemarkeerd door AI-contentanalyse. Het idee is om algoritmes te trainen tot eerlijk of onpartijdig, zodat het niet onterecht inhoud blokkeren of een groep onterecht uitsluit.

## TRANSPARENCY



## IMPACT ON SOCIETY



Ai-contentanalyse kan verbeterd worden door de gebruikers van Telegram meer controle te geven over de moderatie-instellingen. Verder moet het systeem transparant werken en er een optie zijn om bezwaar in te dienen, als inhoud onterecht wordt verwijderd door AI. Hierdoor behoud je de gebruikers die onterecht gecensureerd worden.

Het detectiesysteem moet de privacy beschermen van de berichten, door middel van versleutelingen te gebruiken in de chat.

## STAKEHOLDERS



## SUSTAINABILITY



## HATEFUL AND CRIMINAL ACTORS



Het systeem kan verbeterd worden door de gebruiker de mogelijkheid te geven om zelf te kunnen instellen wat voor inhoud wel of niet gefilterd moet worden door AI. Door bijvoorbeeld bepaalde prompts in te voeren, schadelijke afbeeldingen of haatdragende zinnen, hierdoor worden detectie accurater en meer op de gebruikers zijn voorkeur afgestemd.

## DATA



## FUTURE



De volgende verbetering zou ik graag uitvoeren voor de technologie:

- Gebruikers betere controle geven op de moderatie instelling van de AI-contentanalyse.
- Transparante algoritmes zodat gebruikers weten wat er met hun gegevens gebeurt.
- Onterechte censuur vermijden, door AI-systeem te trainen met juiste prompts.

## PRIVACY



Om privacy en gegevens te beschermen van de gebruikers is het vooral van belang om te anonimiseren, hierdoor hou je de gegevens veilig bij het scannen van berichten. Zonder dat je inbreuk doet op persoonlijke gegevens. De algoritmes moeten ook transparant werken, gebruikers moeten begrijpen hoe de algoritme werkt en waarvoor het wordt gebruikt. Het is ook belangrijk dat er een duidelijke toestemming knop komt, voordat deze functie wordt ingeschakeld.

## INCLUSIVITY



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## IMPACT ON SOCIETY



**Now that you have thought hard about the impact of this technology on society (by filling out the questions...)**

If you think about the real problem this technology is going to solve. If you think about the ability of this technology to solve the real problem. If you think about possible negative effects and whether this technology will contribute to a world you want to live in. If you think about all that, what improvements would you make? In technology? In context? In use?...

## HATEFUL AND CRIMINAL ACTORS



**Now that you have thought hard about how bad actors can impact this technology, what improvements would...**

If you think about this technology being used to break the law, or avoid the consequences of breaking the law, or to be used against certain groups, or to attack the truth or to pit certain groups against each other. If you think about all of that, what improvements would you (want to) make? In the technology? In context? In use?...

## PRIVACY



**Now that you have thought hard about privacy and data protection, what improvements would you like to make?...**

If you think about this technology invading someone's privacy or collecting personal data and if you think about the way this technology is compliant with prevailing law and mitigates dataprotection risks and concerns. If you think about all that, what improvements would you (want to) make? In the technology? In context? In use?...

## HUMAN VALUES



**Now that you have thought hard about the impact of your technology on human values, what improvements...**

If you think about the impact of this technology on human values and needs. If you think about how this technology affects the identity of the user, the autonomy of the user (can the users make their own decisions?) and the health and well-being of the user. If you think about all that, what improvement would you (want to) make? In the technology?...

## TRANSPARENCY



**Now that you have thought hard about the transparency of this technology, what improvements would you like t...**

If you think about the communication on the way the technology works and the businessmodel. If you think about the explanation on automatic decisions that are made. If you think about complaint procedures and transparency on possible negative effects. If you think about all that, what would you (want to) improve? In the technology? In context?...

## STAKEHOLDERS



**Now that you have thought hard about all stakeholders, what improvements would you like to make? List them...**

If you think about all stakeholders of this technology. If you think about stakeholders that are less obvious. If you think about the way certain stakeholders are affected by this technology and if you want to take them into consideration. If you think about all that, what would you (want to) improve? In the technology? In context? In use?...

## SUSTAINABILITY



**Now that you have thought hard about the sustainability of this technology, what improvements would you like t...**

If you think about the direct and indirect energy use and the materials that are used in the technology. If you think about the lifespan of the technology and the hidden environmental impact of the technology. If you think about all that, what improvements would you (want to) make? In the technology? In context? In use?...

## DATA



**Now that you have thought hard about the impact of data on this technology, what improvements would you...**

If you think about the limitations of data. Things like subjectivity, incomplete datasets and so on. If you think about the way new insights are handled. If you think about the sustainability of the collection of data or the data that is collected from the users. If you think about all that, what would you (want to) improve? In the technology? In context?...

## FUTURE



**Impact Improvement: Now that you have thought hard about the future impact of the technology, what...**

If you think about an utopian and a dystopian scenario. If you think about the way this technology can change the world. If you think about the consequences of a different party buying your technology. If you think about all that, what would you (want to) improve? In the technology? In context? In use? ...

## INCLUSIVITY



**Now that you have thought hard about the inclusivity of the technology, what improvements would you like to...**

If you think about accessibility to this technology. If you think about built in biases or automatic decisions that may be biased. If you think about who is benefitting from this technology and the diversity of the team that creates the technology. If you think about all that, what improvements would you (want to) make? In the technology? In context? In use?...

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