Music Recommender System The streaming platform recommends songs to users based on their listening history				Minimal Risk Lim. High Unacc. EU AI Act classification		
SYSTEM'S DESCRIPTION			_0 / II / IO(- J. Goomoat		
This system analyzes listening history updates its song recommendations o	·		the heal	th, safety s of platfo	not threaten , or fundamen- orm users or	
BENEFITS				_	oups such as ord labels, and	
() benefit (not) enjoyed by	Platform users platform Platform users platform Streaming platform And Environment and Environment	ζ.	copyrigh EU AI Act	nt holders ASSESS	3.	
Improved user satisfaction ratings			REPORT available	in multiple	formats	
Increased rate of users renewing their subscriptions			including	•		
Improved understanding of user preferences for targeted advertising				Ž.		
Building communities based on shared playlists			Last upo	date: 3 Ma	arch 2025	
Improved local music scene with real-time event notifications						
RISKS	MITIGATION STRATEGIES	3			tform lons ld Environment	
() risk (not) faced by			COKIN	users pla	ions ironme.	
Capability Risks			Platio st	ear Institu	ig E.	
Limited visibility of songs in local languages and local artists due to fewer user ratings	Adjust the recommendation a weighting factor to compensa improve the visibility of local c	te for fewer ratings and				
Sharing user data with third parties	Allow users to opt out of third- provide clear consent options					
Human Interaction Risks						
Users feeling overwhelmed by aggressive recommendations	Provide user settings to manage recommendation frequency, their level of detail, and notification format					
Systemic Impact						
Loss of music diversity due to English-language songs receiving higher user engagement	Add global music picks to hon and a discovery button to play non-English singing artists	. •				
SYSTEM'S DATA (() (not) applicable	Potentially employed potentially employed potentially employed indetifiable potentially employed personally indetifiable perso	PERFORMANCE OF MO	DDELS OI	N DATA		
Essential	Poteror the persinform	Data	Model	Version	Metrics	
User listening history logs User ratings for songs		User listening history logs	CF ¹ -Log	1.4.3	Precision@10 % of songs played by the user among the top 10 recommended songs	
User location data					88%	
Song metadata		User ratings for songs	CF ¹ -Log	1.4.3	Precision @10 % of songs highly rated b	
Non-essential User profile information					the user among the top 1 recommended songs	
User profile information			MF ² -SVD) 15.1	RMSE Error between predicted and actual user ratings 94%	
		User location data	LG ³	1.4.3	Hit rate % of regional song recommendations played by the user	
		Song metadata User profile information	TF-IDF -CS ⁴	3.0.5	NDCG@10 % of songs in the top 10 recommendations that best match the profile 85%	
		 Collaborative Filtering Matrix Factorization with Singular Value Decomposition 		quency-Inve	rse Document ne Similarity	

REPORTING RISKS

Helpline: 0XXX XXX XXX Reporting portal: report-risk@com Mail: XX Main Street, XXX-XXX Contry Z

REGISTERED OFFICE

Name of the streaming company XX Main Street, XXX-XXX Contry Z

CERTIFICATES



Media Enrichment and Description Standard for metadata about musical works



GDPR Compliant