

Summarcha

Chat Summarizer using Machine Learning

Project description

Our team is working on a project that uses machine learning to summarize lengthy chat conversations into concise summaries. The main goal is to help users quickly understand the context and main points of a conversation without reading through pages of chat messages. We plan to package it as a telegram bot, which will be added to groups or as a telegram userbot (which will have access to chat history and will provide summary e.g. in saved messages)

Data

Our team decided to utilize large datasets of textual data from existing telegram chats. In particular, we want to consider such chats as [innoads](#), [cross-zoo](#), etc. We plan to make use of existing models which will analyze relevance, toxicity, etc., and thus will explore other datasets with labeled data to train our own or finetune existing models.

Team members

Full name	Innopolis email	Tasks
Timofey Sedov	t.sedov@innopolis.university	Models research, ML, backend
Grigorii Fil	g.fil@innopolis.university	ML, Dataset search, backend
Andrei Markov	a.markov@innopolis.university	Models training, full-stack, deploy

Git repository

<https://github.com/markovav-official/summarcha>