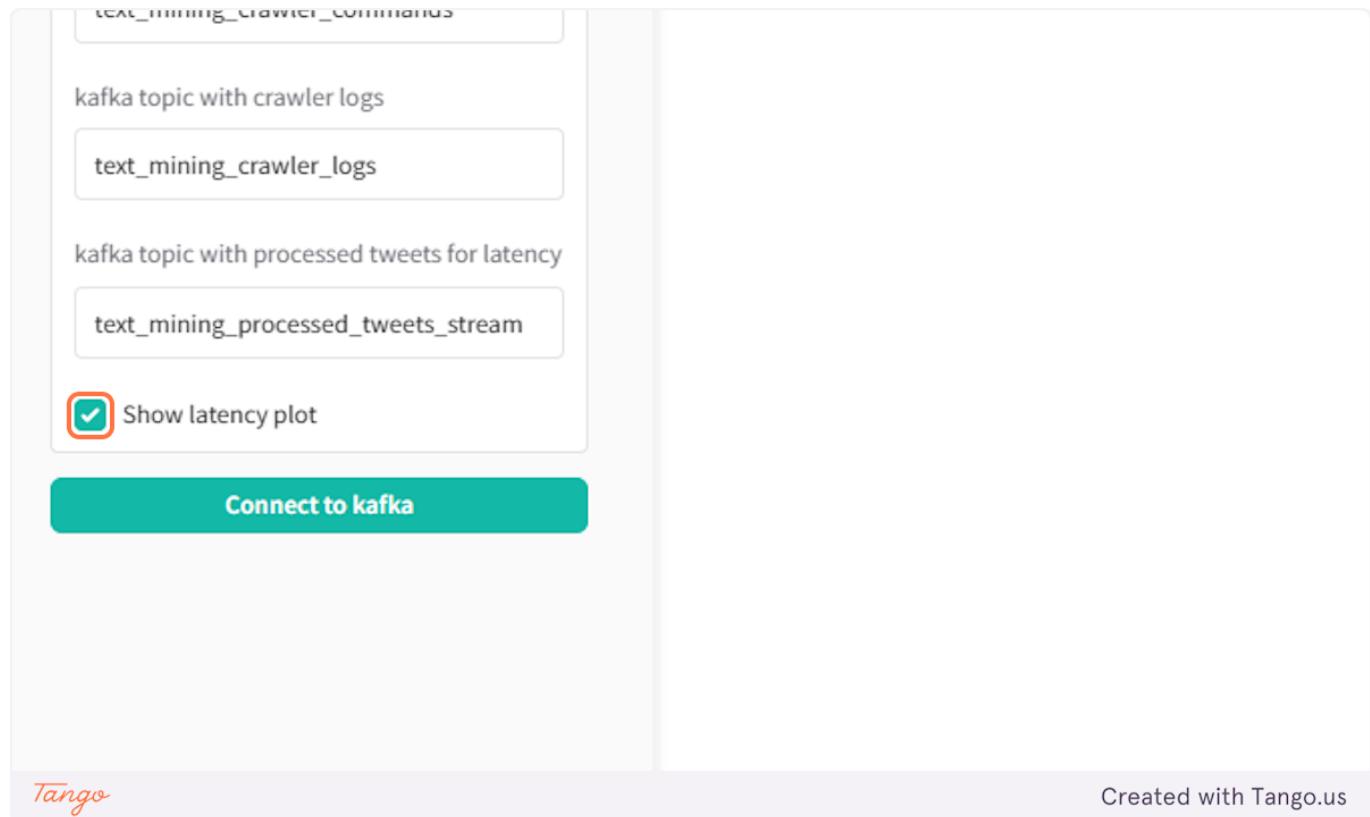


Debug and Monitor Kafka Latency in Text Mining UI

Step-by-step guide using the debug/log tab.

1. Navigate to the link for the text mining app ex:<http://localhost:7860/>
2. Follow steps in setup kafka cluster documentation.
3. Check "Show latency plot" to monitor the latency.



4. Then click on "Connect to kafka".

text_mining_crawler_commands
kafka topic with crawler logs
text_mining_crawler_logs
kafka topic with processed tweets for latency
text_mining_processed_tweets_stream
 Show latency plot
Connect to kafka

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5. Navigate to the "DEBUG/LOG Console".

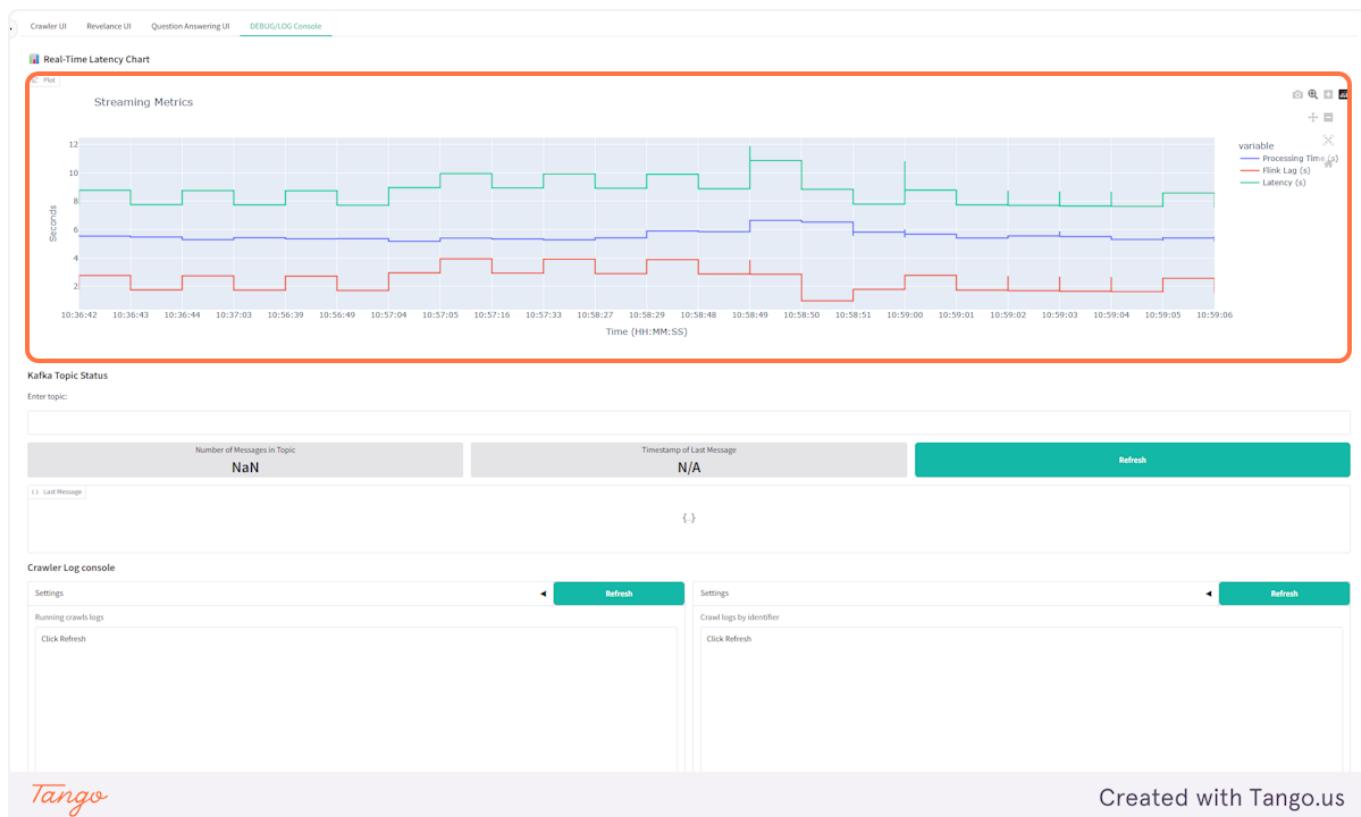
REXDATA
tion Planning over Extreme-Scale Data

Answering UI **DEBUG/LOG Console**

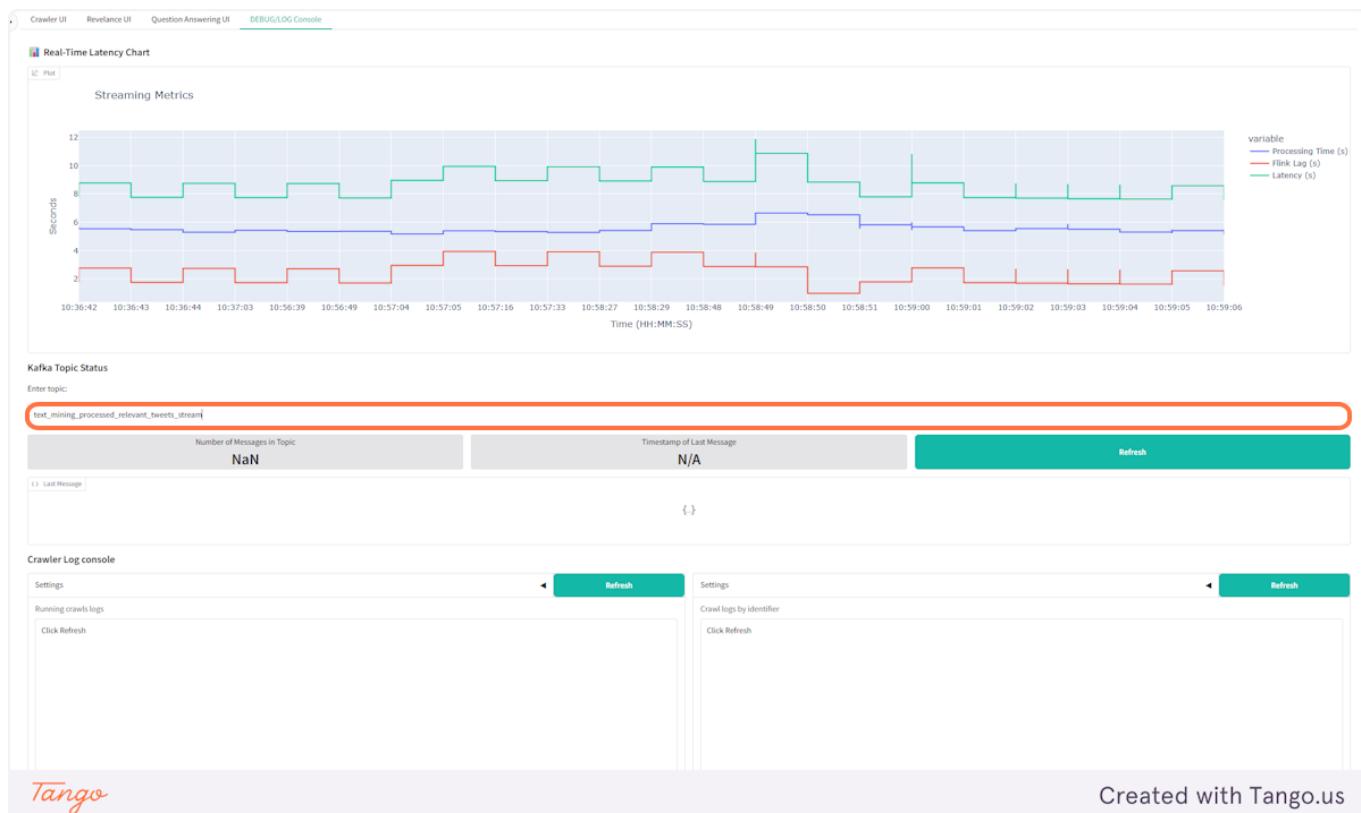
rtmund_20250611 X password for crawl account password
.....
Gmail app access pa Should be the app pass
.....
Crawl language Only those supported b
German
German

server
ita-unauth
ip server
crexdata.eu:9192
pic with relevant tweets
text_mining_processed_relevant_tweets
Tango Created with Tango.us

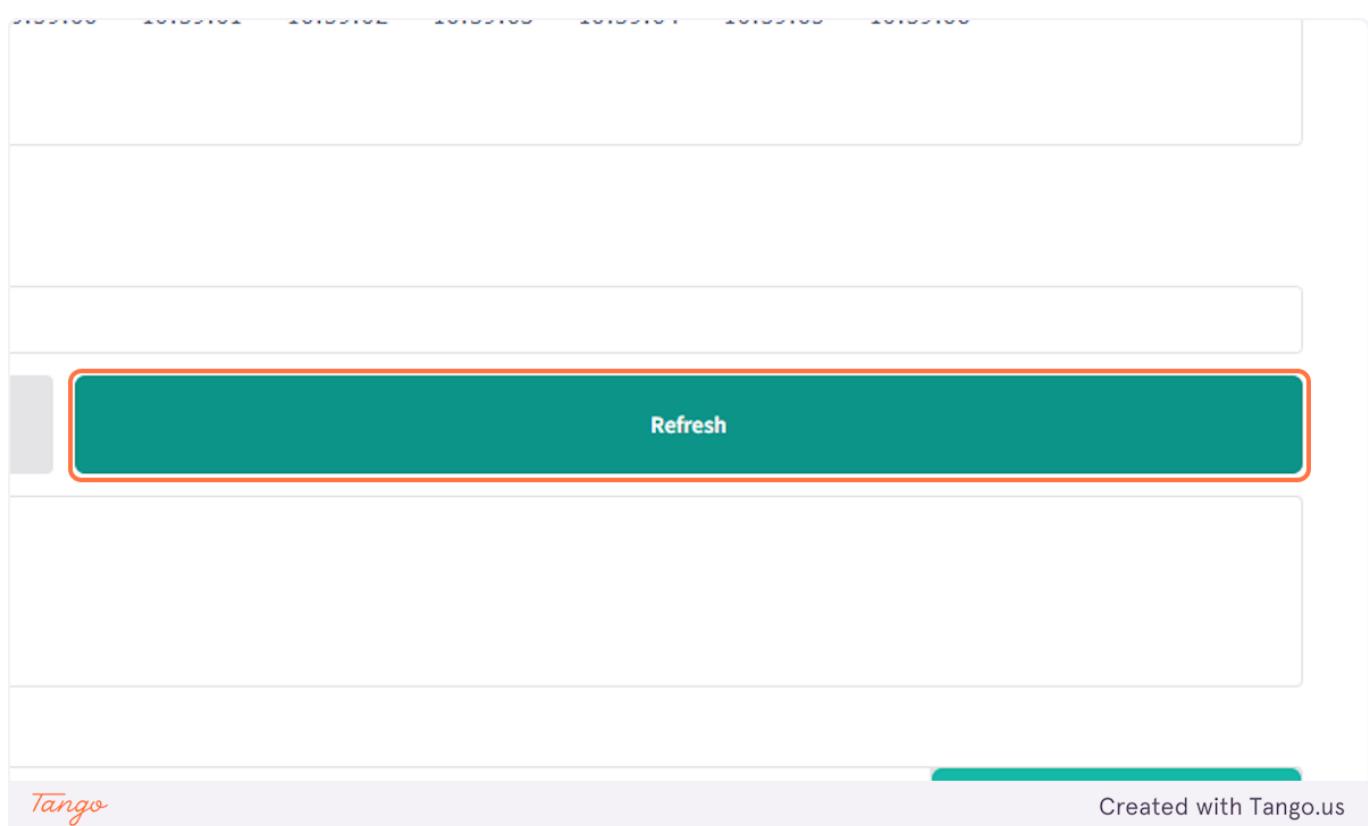
6. Here you can see the latency plot, the "green" line is overall system latency, "red" is flink streaming lag, and "blue" is the relevance model inference time. All in (secs).



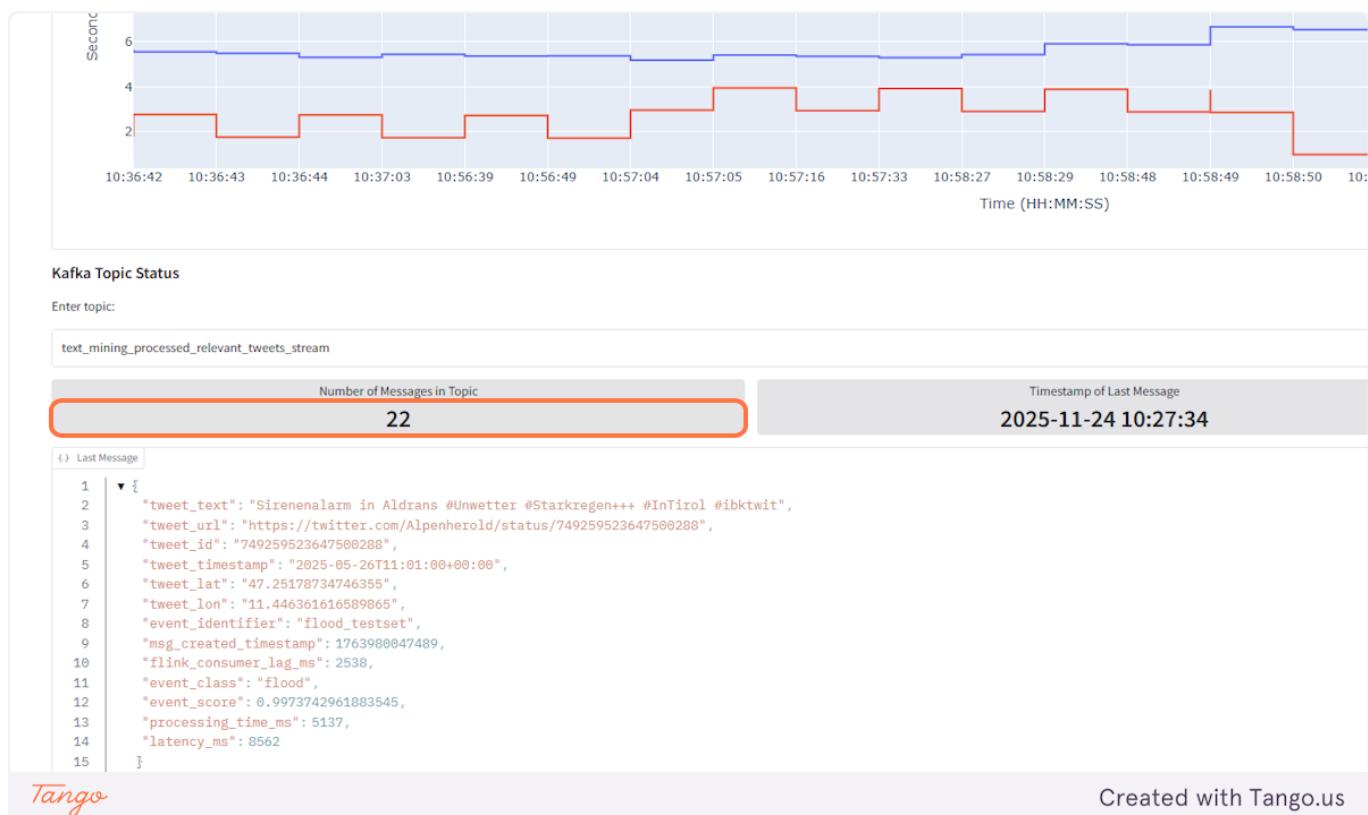
7. You can also get statistics about a kafka topic. Enter the topic name in the provided field.



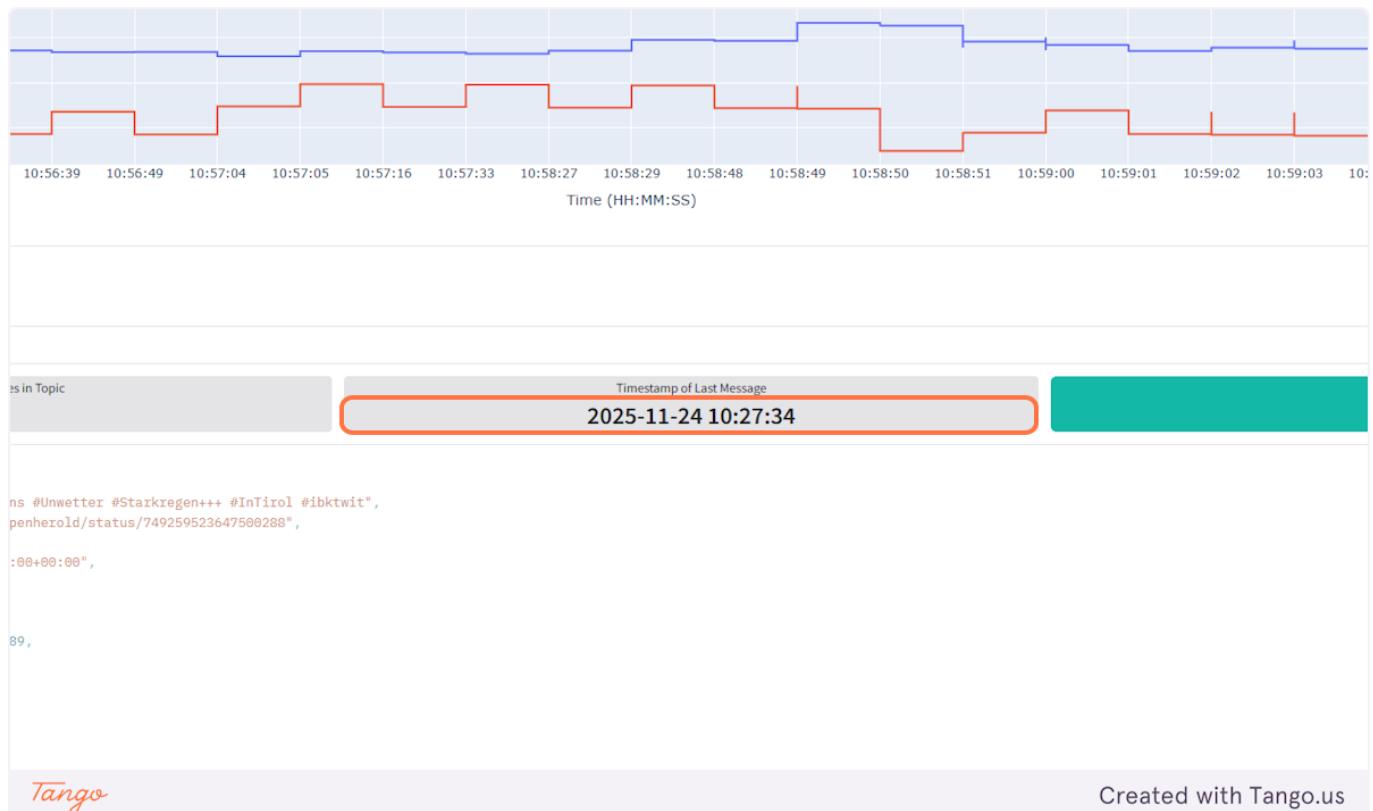
8. Then click "Refresh"



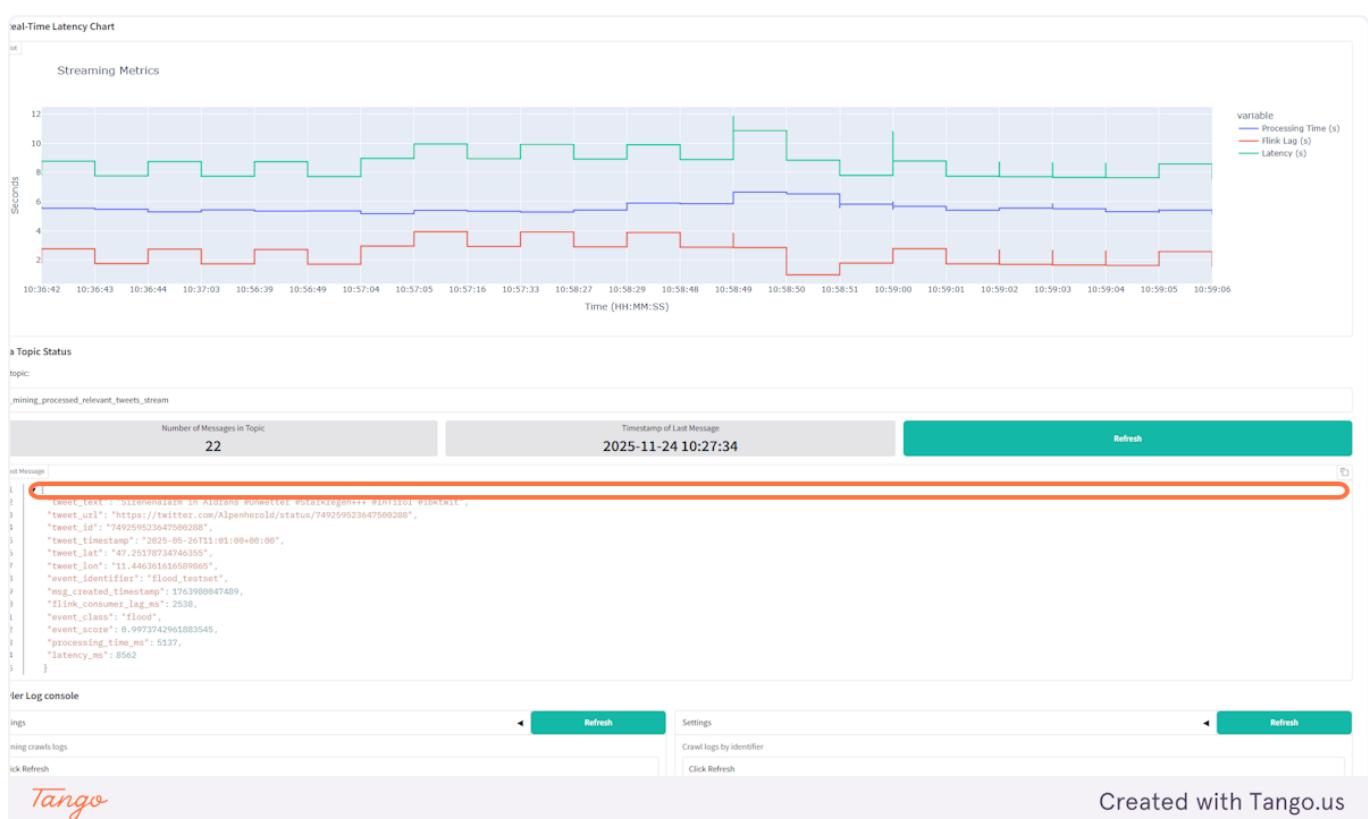
9. You can view the number of messages in the topic.



10. You can also view the timestamp of the last message received by the topic.



11. Then below you can see the contents of the last message received by the topic.



12. You can click "Refresh" as much as you want see the progress of the messages received by the topic. This is useful when checking the status of post crawled, or posts that have been processed by the event type classification model (relevance prediction).

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