Media Analysis Program Execution Summary

Generated: 2025-03-01 11:38:23

Overview

- **Total Execution Time:** 2857.48 seconds (47.62 minutes)
- **Articles Processed:** 82
- **Charts Generated:** 5
- **Sentiment Analyses Performed:** 0
- **Entities Extracted:** 0 (Organizations: 0, People: 0)

AI Model Usage

- **Total AI Chatbot Calls:** 868
- **Total Input Tokens:** 1,453,294.4
- **Total Output Tokens:** 99,266
- **Total Tokens Processed:** 1,552,560.4

Estimated API Costs

- **Estimated Total Cost:** $49.55
- **GPT-4 Series Models:** $49.55
- **GPT-3.5 Series Models:** $0.00

Model-Specific Usage

Model	Calls	Input Tokens	Output Tokens	Total Tokens
gpt-4o-mini	782	1,232,678	67,068	1,299,746
chatgpt-4o-latest	86	220,616.4	32,198	252,814.4
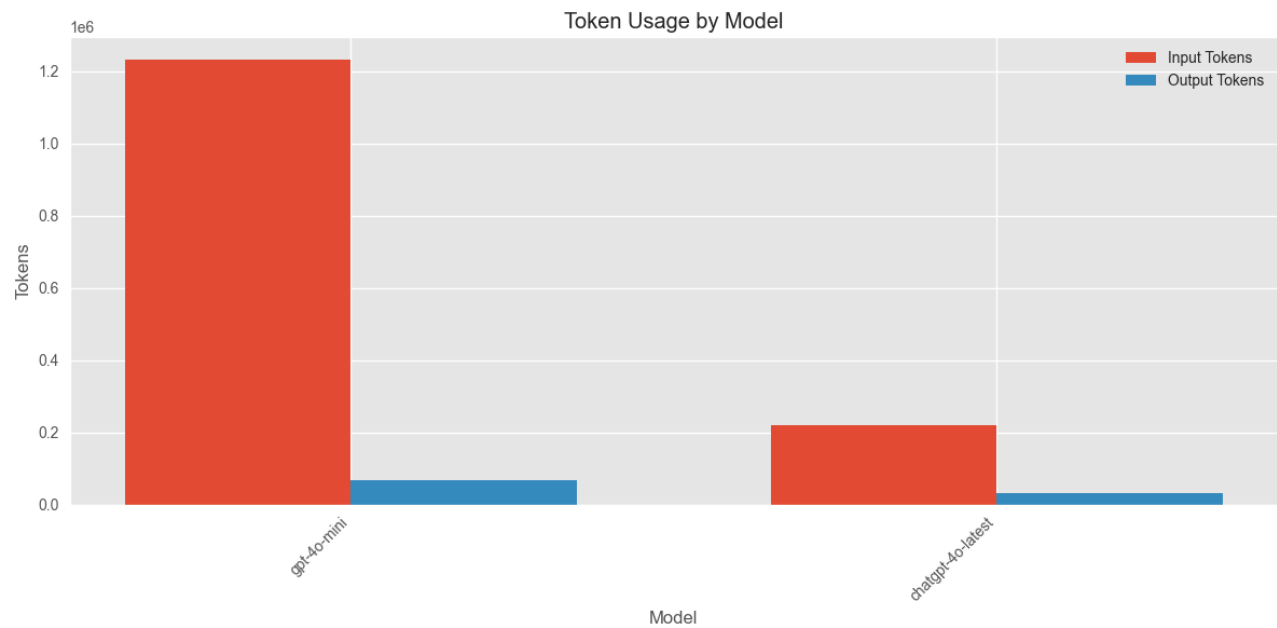
Function Analysis

Top 15 Functions by Chatbot Usage

Function	Chatbot Calls
analyze_entity_sentiment	404
process_stakeholder_info	100
translate_content	89
generate_issue_analysis_output	74
generate_consolidated_stakeholder_analysis	60
generate_topics_output	55
generate_insights_output	25
extract_organizations	25
extract_people	25
generate_markdown_report	6
generate_publication_timeline_section	2
generate_top_journalists_analysis	2
generate_sentiment_analysis_section	1

Top Functions by Chatbot Usage
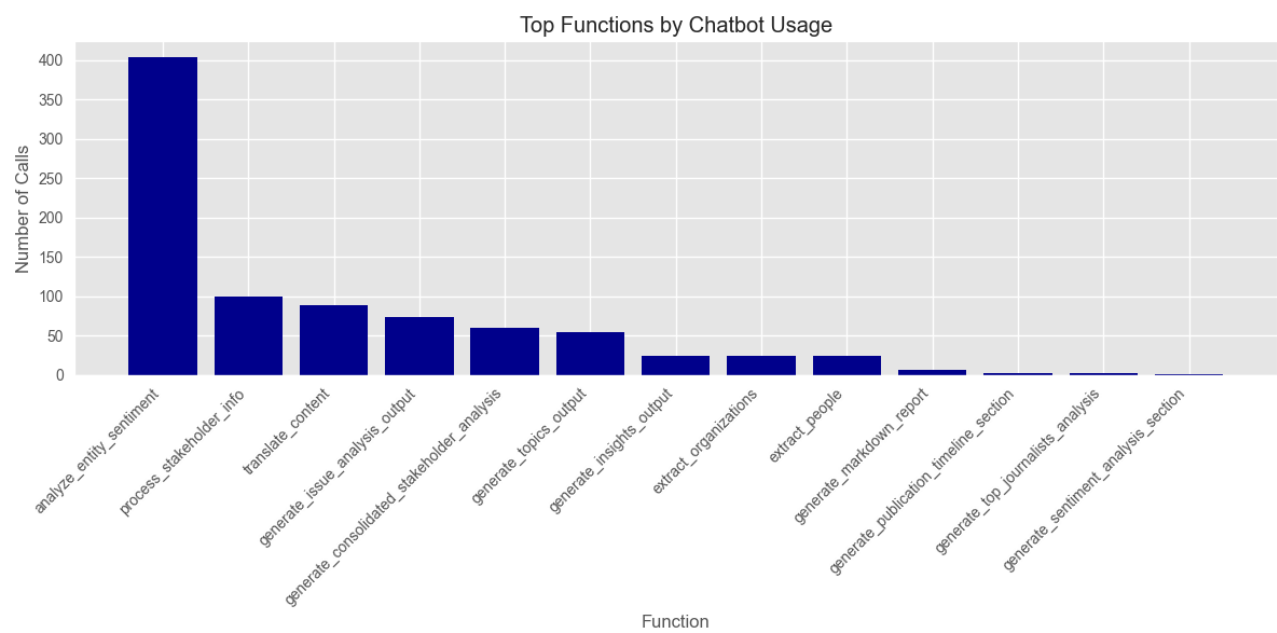
Operations Analysis

Operations Performed
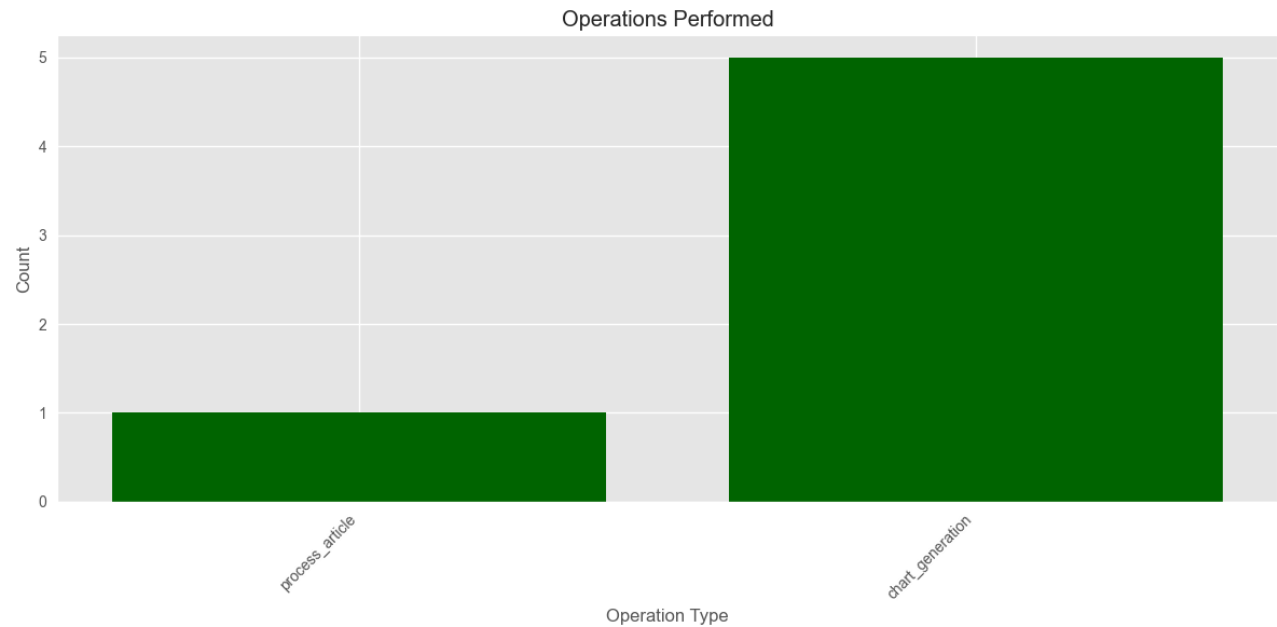
Operation Timeline

Timestamp	Operation	Execution Time (s)
10:50:46	process_article	1.13
11:07:45	chart_generation	0.24
11:07:47	chart_generation	0.70
11:07:57	chart_generation	0.10
11:18:46	chart_generation	0.15
11:18:47	chart_generation	0.10

Performance Analysis

Average Response Times by Model

Model	Average Response Time (s)
chatgpt-4o-latest	11.59
gpt-4o-mini	2.29

Additional Notes

- This report provides a summary of the program execution metrics and resource usage.
- Token counts are estimated based on standard approximations.
- For detailed logs, refer to the tracker.log file in the ProgramSummaries directory.
- Estimated costs are based on approximate OpenAI pricing and may not reflect actual billing.
- Performance figures are measured on this specific run and may vary based on system load and network conditions.