

N8N Popularity Analysis

This report summarizes the popularity of n8n workflows from YouTube and the n8n community forum. Google Trends was attempted but rate-limited; trend fields may be null.

1. YouTube Metrics Collected via YouTube API: views, likes, comments, and engagement ratios.

2. Forum Metrics Scrapped from community.n8n.io: topic replies, views, and contributors.

3. Google Trends (US & India) Attempted using pytrends. Due to rate limits (HTTP 429) some trend values are null. The pipeline supports retry/backoff if needed.

4. Final Dataset `data/final_workflows.json` contains merged records: - canonical workflow name - aggregated summary metrics (total_views, avg_like_to_view_ratio) - evidence array (per-source records) - trend placeholders (US, IN)

5. API Local API serves the final dataset:

6. Notes & Limitations - Title normalization is heuristic — manual review recommended. - Google Trends scraping can be rate-limited. Empty trend files are an acceptable fallback for submission. - To refresh data, run the collectors and then `node scripts/merge_normalize.js`.