# ANALYZING TRENDS TO DELIVER GROWTH

Salesforce Marketing Analyst

Isabella Yesin github link: https://github.com/isabellayesin/Salesforce\_marketing\_analyst

## HELPING MARKETING TEAMSTHRIVE

Equipping B2B marketers with SQLpowered insights to unify fragmented
performance data and deliver personalized
dashboards

## TURNING PROBLEMS INTO SOLUTIONS

- Fragmented campaign performance
- Missing real-time insights
- Lack of diagnostics
- Inconsistent reporting
- Missed optimization chances



- Pull data from Keynew API
- Clean, model, and query in SQL
- Visualize in Looker Studio
- Recommend campaign shifts







## WHAT SUCCESS LOOKS LIKE

- Strong SQL and data visualization skills
- Advanced analytics fluency
- Marketing KPIs expertise
- Custom frameworks delivery
- Clear data storytelling

## WHAT ARE THE JOB REQUIREMENTS

### About the job

Title: Salesforce Marketing Analyst | Remote | Long-Term Contract

Job Type: Contract (Long Term)
Location: Remote (United States)
Work Hours: 8 AM - 5 PM CST

Experience Level: Mid-Level (Level II)

Note:- Client is looking for more experience in managing leads, lead pipeline health, grading, and scoring.

### **Job Description:**

We are seeking a Salesforce Marketing Analyst to join our dynamic marketing team. The ideal candidate will have expertise in Salesforce Marketing Cloud Account Engagement (MCAE/Pardot), B2B digital marketing, email campaign automation, and lead generation strategies.

You will be responsible for managing marketing campaigns, optimizing lead nurturing programs, and aligning CRM strategies to drive engagement and conversion rates. If you are passionate about data-driven marketing and automation, we'd love to hear from you!

### **Basic Qualifications:**

- ✓ Salesforce Marketing Cloud Account Engagement (MCAE/Pardot) Specialist Certification (Required)
- √ 3+ years of hands-on experience with MCAE/Pardot in B2B marketing campaigns.
- ✓ Expertise in lead nurturing, scoring, CRM integration, and automation workflows.
- ✓ Strong analytical skills with experience in campaign tracking, reporting, and performance analysis.
- ✓ Proficiency in Salesforce CRM, Excel (Macros), and marketing content execution.
- √ Strong communication skills to collaborate with technical and non-technical stakeholders.

### **Key Responsibilities:**

### Campaign Management:

- Develop and execute B2B marketing campaigns in Salesforce MCAE/Pardot, including list emails and automated customer journeys.
- Optimize lead segmentation and scoring for improved engagement.
- Conduct A/B testing and implement performance-driven marketing strategies.

### ✓ Lead Nurturing & CRM Integration:

- Create and maintain lead nurturing programs to increase lead quality and conversions.
- Ensure smooth lead handoff processes to sales, with complete and accurate data in CRM.
- Monitor email deliverability and maintain domain reputation using Everest and Google Postmaster.

### **✓** Performance Analysis & Reporting:

- Track and analyze email marketing metrics, campaign performance, and customer lifecycle trends.
- Provide actionable insights and recommendations for **continuous optimization**.
- Support data governance and maintain CRM data structure.

### Process Optimization & Documentation:

- Develop business requirement documentation for marketing projects.
- Train internal teams on lead nurture strategies and automation workflows.
- Stay updated with Salesforce MCAE/Pardot best practices and emerging marketing trends.

### **Preferred Qualifications:**

- + Experience in Salesforce Sales & CRM Analytics
- + Familiarity with Everest, Google Postmaster, Analytics 360
- + Knowledge of API development, data migrations, and cloud services
- + Experience in Real Estate or Retention Marketing is a plus

## APIFLOW July

**Source** SEO Keyword Research (Keynew)

**Data** Keyword, CPC, Competition, Volume, Score

KPI's Measured: Search demand trends & ad competitiveness

**Pipeline** API → JSON → Pandas DataFrame w/Python →

PostgreSQL → Looker Studio Dashboards

Tools Used Python, Pandas, SQLAlchemy, Github Actions,

Looker Studio

### SEO Keyword Research (Keynew) API Pipeline

### **Data Sources**

 RapidAPI SEO Keyword Endpoint (Keynew)



### Ingestion

 Python scripts (for API + RSS extraction)
 GitHub Actions (daily scheduled pipeline)



### Processing

Extract API
 Convert to dataframe
 Drop null or empty keywords
 Add metadata:
 source = 'Keynew'
 Scraped\_at = UTC timestamp



### Storage

- PostgreSQL RDS Instance
- Schema: raw
Tables:
- api\_keywords
- techcrunch\_articles



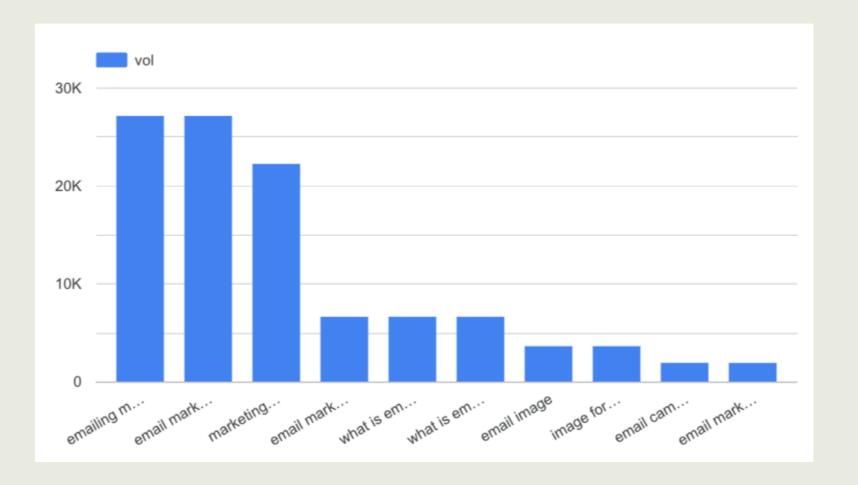
### Users

 Looker Studio Dashboards SQL Notebooks (Jupyter)
 Final Presentation Assets (PDF/Slides)

# TOP 10 HIGH-VOLUME, LOW-COMPETITION KEYWORDS

**Descriptive** 

- Insight: High-search, low-competition keywords
- Recommendation: Prioritize for SEO and ads
- **Prediction:** Monitor CPC as terms grow

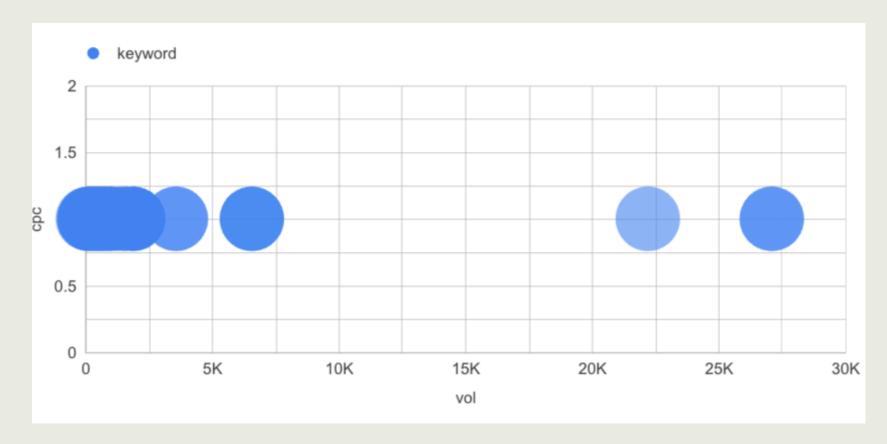


### EARLY SIGNS OF RISING COMPETITION

**Diagnostic** 

- Insight: Volume varies, CPC stays flat
- Recommendation: Track trends, claim ad space
- Prediction: CPCs will rise with demand

### Top Keywords by Search Volume



## SCRAPING INSIGHTS FROM TECHCRUNCH



**Source** techcrunch.com

**Data** Title, author, tags, publish date

**KPI's Measured** B2B product trends

Pipeline Markdown → HTML →

BeautifulSoup → Pandas →

PostgreSQL → Looker Studio

Tools Used Firecrawl API, Markdown, BeautifulSoup,

Pandas, SQLAlchemy

### Techcrunch Webscrape Data Pipeline

### Data Sources

TechCrunch RSS Feed
 Accessed via Firecrawl API



### gestion

- Python scripts
- Firecrawl API call (POST request)
- Extracted raw markdown content
- GitHub Actions (daily scheduled pipeline)



### Processing

- Convert markdown to HTML using markdown package
  - Parse HTML with BeautifulSoup
- Filter valid <a> tags with:-title > 5 words, link starts with http
   Infer published at from URL (regex & datetime)
- Clean DataFrame: Strip whitespace, Drop duplicates, Normalize title/link fields
  - Add metadata: source = 'TechCrunch'



### Storage

PostgreSQL RDS Instance
 Schema: raw

Tables: techcrunch\_articles
Columns: title, link, published\_at, source



### Users

- Looker Studio Dashboards SQL Notebooks (Jupyter)
- Final Presentation Assets (PDF/Slides)

### TOP OCCURRING ARTICLES

**Descriptive** 

- **Insight**: Repeated titles indicate frequent updates
- Recommendation: Track titles for narrative shifts
- Prediction: Expect resurfacing during tech events

### Most Recent Articles by Title

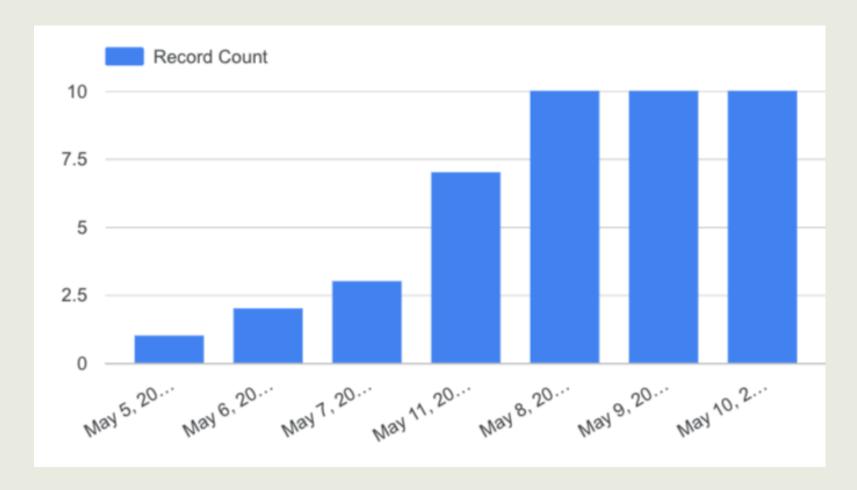
	title	published_at (Date)	Record Count +
1.	TechCrunch All Stage 2025 welcomes Boldstart partner Ellen Chisa to talk early-stage enterp	May 10, 2025	1
2.	Florida bill requiring encryption backdoors for social media accounts has failed	May 9, 2025	1
3.	A timeline of the US semiconductor market in 2025	May 10, 2025	1
4.	Elizabeth Holmes' partner reportedly fundraising for new blood-testing startup	May 10, 2025	1
5.	Week in Review: Instacart CEO heads to OpenAl	May 10, 2025	1
6.	CoreWeave reportedly looks to raise \$1.5B in debt as IPO disappoints	May 9, 2025	1
7.	Why Hims & Hers turned to the autonomous vehicle industry to find an Al-savvy CTO	May 8, 2025	1
8.	Instacart CEO Fidji Simo is joining OpenAI	May 7, 2025	1
9.	23andMe customers notified of bankruptcy and potential claims — deadline to file is July 14	May 11, 2025	1
10.	Trump fires Copyright Office director after report raises questions about AI training	May 11, 2025	1
11.	One of Elon Musk's longtime VCs is suing his former employer after allegedly being fired	May 8, 2025	1

# DO REPEATED HEADLINES FOLLOW THE NEWS CYCLE?

**Diagnostic** 

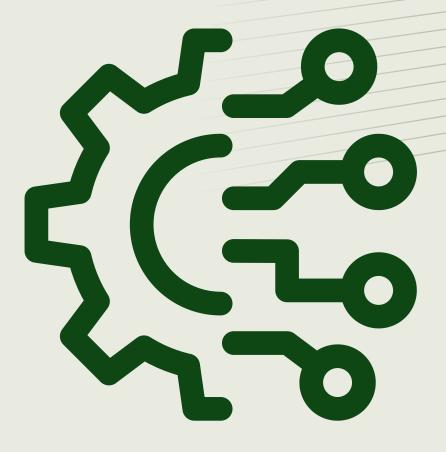
- Insight: Titles cluster on publish dates
- **Recommendation:** Track patterns, preprelated content
- Prediction: Topics return during big events

### **Articles Published Over Time**



## KEYTAKEAWAYS

- High-volume keywords, low competition
- Interest in templates and tools
- Article titles repeat over time
- Publishing spikes during tech events
- Low-cost keywords drive opportunity



## FROMMARKETING TRENDS TO CLEAR INSIGHTS

- Completed data processing, visualizations, insights
- Keyword search helps campaign personalization
- Delivered keyword strategies with potential
- Used SQL to uncover repeat patterns
- Ready to turn data into results!

