



**Can you do deep research into marketing analytics terms, phrases, and topics, especially, those utilized in job postings (descriptions, requirements, responsibilities, etc.)? Please take the time to think through the output structure, possibly grouping them by various categories, for example, technical skills, tools, applied, management, etc. (whichever you feel are best to group them).**

I now have extensive research covering marketing analytics terms, phrases, and topics from job postings. Let me compile this into a comprehensive, well-organized document grouped by logical categories.

### **Marketing Analytics: Comprehensive Taxonomy of Terms, Phrases, and Topics**

Based on extensive research into marketing analytics job descriptions, requirements, and responsibilities, this guide organizes key terms and concepts into strategic categories relevant to modern marketing analytics roles.

#### **Technical Skills & Programming**

Marketing analytics professionals require strong technical foundations to manipulate, analyze, and derive insights from data. The most in-demand technical skills include:

##### **Programming Languages** [1] [2]

- **SQL (Structured Query Language)**: Essential for querying and manipulating data in relational databases (MySQL, PostgreSQL, SQL Server, Presto) [3] [4] [1]
- **Python**: Versatile language for data analysis, automation, machine learning, and statistical modeling using libraries like Pandas, NumPy, and Scikit-learn [5] [6] [2] [1]
- **R Programming**: Specialized for statistical computing, advanced analytics, and data visualization using packages like Tidyverse and ggplot2 [6] [2] [5] [1]

##### **Statistical Analysis & Methods** [7] [5] [6]

- Regression analysis (linear, logistic, multivariate)
- Hypothesis testing and A/B testing methodology

- Predictive modeling and forecasting
- Statistical significance and confidence intervals
- Time series analysis
- Bayesian statistics

### **Data Analysis Capabilities** [\[4\]](#) [\[3\]](#) [\[5\]](#)

- Data cleaning and preprocessing
- Data transformation and manipulation
- Exploratory data analysis (EDA)
- Pattern recognition and trend identification
- Anomaly detection
- Data mining techniques

## **Analytics & Business Intelligence Tools**

Modern marketing analysts leverage specialized platforms to visualize data, generate insights, and communicate findings effectively.

### **Web Analytics Platforms** [\[8\]](#) [\[9\]](#) [\[10\]](#) [\[11\]](#)

- **Google Analytics (GA4):** Event-based tracking, user behavior analysis, conversion tracking, real-time data access [\[12\]](#) [\[10\]](#) [\[8\]](#)
- **Adobe Analytics:** Enterprise-level analytics with advanced segmentation, real-time data analysis, customer journey mapping, predictive capabilities [\[9\]](#) [\[10\]](#) [\[11\]](#) [\[8\]](#)
- **Mixpanel:** Event-based tracking, user retention analysis, cohort analysis, funnel analysis [\[8\]](#) [\[6\]](#)
- **Amplitude:** Product analytics, user behavior tracking, cohort analysis, retention metrics [\[8\]](#)

### **Data Visualization Tools** [\[13\]](#) [\[14\]](#) [\[5\]](#) [\[8\]](#)

- **Tableau:** Advanced data visualization, interactive dashboards, real-time analytics, drag-and-drop interface, geospatial analysis [\[14\]](#) [\[15\]](#) [\[13\]](#)
- **Power BI:** Microsoft ecosystem integration, real-time dashboards, DAX calculations, cloud-based deployment, AI-powered insights [\[15\]](#) [\[13\]](#) [\[14\]](#)
- **Looker:** Cloud-native analytics, SQL-based modeling, embedded analytics
- **Google Data Studio (Looker Studio):** Free visualization tool, Google integration, collaborative reporting [\[13\]](#)
- **Domo:** Cloud-based platform, real-time dashboards, data integration capabilities [\[8\]](#)

### **Marketing Automation & CRM Platforms** [\[16\]](#) [\[17\]](#) [\[18\]](#)

- **HubSpot:** All-in-one marketing automation, CRM, email marketing, lead nurturing, content management system [\[18\]](#) [\[19\]](#) [\[16\]](#)

- **Marketo (Adobe)**: Enterprise marketing automation, lead nurturing, account-based marketing (ABM), revenue attribution modeling [19] [16] [18]
- **Salesforce Marketing Cloud**: Multi-channel marketing automation, email marketing, customer journey mapping, AI-powered personalization [17] [20] [21]
- **Pardot (Salesforce)**: B2B marketing automation, lead scoring, lead nurturing [22]
- **Eloqua (Oracle)**: Enterprise marketing automation, campaign management [23]

## Marketing Measurement & Attribution

Understanding which marketing activities drive results is fundamental to optimizing spend and demonstrating ROI.

### Attribution Modeling [24] [25] [26] [27]

- **Single-touch attribution**:
  - First-touch attribution: Credits the initial customer interaction [27] [28] [24]
  - Last-touch attribution: Credits the final touchpoint before conversion [28] [24] [27]
- **Multi-touch attribution**:
  - Linear attribution: Distributes credit equally across all touchpoints [25] [24] [27]
  - Time decay attribution: Assigns more credit to interactions closer to conversion [29] [27]
  - Position-based (U-shaped) attribution: 40% first touch, 40% last touch, 20% distributed [25] [27]
  - W-shaped attribution: 30% to first, middle, and last touchpoints [29]
  - Data-driven attribution: Uses machine learning to assign credit algorithmically [24] [29]

### Marketing Mix Modeling (MMM) [30] [31] [32] [33]

- Statistical analysis to quantify marketing impact on sales
- Media mix optimization across channels
- Marketing spend allocation and budget optimization
- Incremental lift measurement
- Base vs. incremental sales decomposition
- Adstock effects and carryover modeling [30]
- Scenario planning and "what-if" analysis [31] [32]

### Customer Lifetime Value (CLV/LTV) [34] [35] [36] [37]

- Historical CLV: Based on past customer purchase behavior [36] [34]
- Predictive CLV: Forecasts future customer value using algorithms [34] [36]
- CLV calculation: Average purchase value × purchase frequency × customer lifespan [35] [34]
- CLV segmentation by customer cohorts
- LTV:CAC ratio analysis (target 3:1 to 4:1) [38] [39] [40]

## Key Performance Indicators (KPIs) & Metrics

Marketing analysts must track, interpret, and optimize a comprehensive set of metrics that demonstrate business impact.

### Acquisition & Cost Metrics [\[41\]](#) [\[39\]](#) [\[42\]](#) [\[38\]](#)

- **Customer Acquisition Cost (CAC):** Total sales and marketing costs ÷ new customers acquired [\[42\]](#) [\[38\]](#) [\[41\]](#)
- **Marketing % of CAC:** Marketing costs as percentage of total CAC [\[38\]](#)
- **Cost per lead (CPL):** Marketing spend ÷ leads generated
- **Cost per click (CPC):** Ad spend ÷ clicks received [\[43\]](#)
- **Cost per thousand impressions (CPM):** Ad cost per 1,000 impressions
- **Time to payback CAC:** Months to recover customer acquisition cost (target <12 months) [\[38\]](#)

### Conversion & Performance Metrics [\[41\]](#) [\[43\]](#) [\[42\]](#)

- **Conversion rate:** (Conversions ÷ total visitors) × 100 [\[42\]](#) [\[41\]](#)
- **Click-through rate (CTR):** (Clicks ÷ impressions) × 100 [\[44\]](#) [\[43\]](#)
- **Open rate:** Email opens ÷ emails delivered [\[44\]](#) [\[43\]](#)
- **Bounce rate:** Percentage of single-page sessions [\[43\]](#)
- **Trial-to-paid conversion rate:** Paid customers ÷ trial users [\[45\]](#)
- **Lead-to-MQL conversion rate:** Marketing qualified leads ÷ total leads [\[40\]](#)
- **Marketing-originated customer %:** New customers directly from marketing [\[38\]](#)
- **Marketing-influenced customer %:** Customers touched by marketing in journey [\[38\]](#)

### Revenue & ROI Metrics [\[39\]](#) [\[41\]](#) [\[42\]](#) [\[38\]](#)

- **Return on Investment (ROI):** ((Revenue - Cost) ÷ Cost) × 100 [\[41\]](#) [\[42\]](#)
- **Return on Ad Spend (ROAS):** Revenue generated ÷ ad spend [\[46\]](#) [\[42\]](#)
- **Marketing ROI:** ((Sales growth - marketing cost) ÷ marketing cost) × 100 [\[42\]](#)
- **Annual Recurring Revenue (ARR):** Annualized recurring revenue [\[47\]](#)
- **Monthly Recurring Revenue (MRR):** Predictable monthly revenue [\[47\]](#)
- **Revenue per user (RPU):** Total revenue ÷ active users [\[48\]](#)
- **Average order value (AOV):** Total revenue ÷ number of orders [\[35\]](#)

### Engagement & Retention Metrics [\[49\]](#) [\[50\]](#) [\[51\]](#) [\[43\]](#)

- **Customer retention rate:** ((Customers at end - new customers) ÷ customers at start) × 100 [\[35\]](#)
- **Churn rate:** Customers lost ÷ total customers at period start [\[51\]](#) [\[49\]](#)
- **Net Promoter Score (NPS):** Customer loyalty and satisfaction metric
- **Engagement rate:** Interactions ÷ total followers (social media) [\[43\]](#)

- **Session duration:** Average time users spend on site<sup>[43]</sup>
- **Pages per session:** Average page views per visit<sup>[43]</sup>
- **Active users:** Daily active users (DAU), monthly active users (MAU)<sup>[52]</sup>

## Advanced Analytics Methodologies

Marketing analysts employ sophisticated techniques to extract deeper insights and drive strategic decisions.

### A/B Testing & Experimentation<sup>[53] [54] [55] [5]</sup>

- **A/B testing:** Comparing two versions to determine which performs better<sup>[54] [56] [53]</sup>
- **Multivariate testing (MVT):** Testing multiple variables simultaneously to find optimal combinations<sup>[55] [56] [53] [54]</sup>
- Test design and hypothesis formulation
- Sample size calculation and statistical power
- Control groups and treatment groups
- Statistical significance testing
- Test duration and seasonality considerations
- Winner selection and rollout strategies<sup>[53]</sup>

### Cohort Analysis<sup>[50] [49] [48] [51]</sup>

- **Acquisition cohorts:** Grouping users by sign-up date or acquisition channel<sup>[49] [48] [52]</sup>
- **Behavioral cohorts:** Segmenting users by specific actions or behaviors<sup>[48] [52] [49]</sup>
- **Predictive cohorts:** Machine learning-based groups likely to exhibit certain behaviors<sup>[52] [49]</sup>
- Retention curve analysis
- Cohort comparison and trend identification
- Long-term behavior pattern recognition<sup>[49] [48]</sup>

### Funnel Analysis & Optimization<sup>[57] [58] [59] [45]</sup>

- Conversion funnel mapping across customer journey stages
- Drop-off point identification at each funnel stage<sup>[58] [45]</sup>
- Funnel visualization and reporting<sup>[45]</sup>
- Bottleneck analysis and friction point detection<sup>[58]</sup>
- Funnel optimization strategies<sup>[59] [57]</sup>
- Multi-step funnel tracking (awareness → consideration → conversion → loyalty)<sup>[57]</sup>

### Customer Segmentation<sup>[60] [61] [62] [63]</sup>

- **RFM Analysis (Recency, Frequency, Monetary):** Segmenting customers based on purchase behavior<sup>[61] [62] [63] [60]</sup>

- Recency: How recently customers purchased
- Frequency: How often customers purchase
- Monetary: How much customers spend
- **RFM scoring:** Assigning 1-5 scores to each dimension [64] [60]
- **RFM segments:** Champions, loyal customers, at-risk customers, dormant customers [63] [61] [64]
- Demographic segmentation
- Psychographic segmentation
- Behavioral segmentation
- Firmographic segmentation (B2B) [7]

## Predictive Analytics & Forecasting [65] [66] [67] [68]

- Machine learning algorithms for prediction
- Customer churn prediction [66] [67]
- Demand forecasting and sales prediction [5] [65]
- Lead scoring with predictive models [23] [7]
- Propensity modeling (likelihood to purchase, convert, churn) [67]
- Sentiment analysis and text mining
- Recommendation engines
- Next-best-action optimization [65] [66]

## Marketing Strategy & Channels

Understanding different marketing approaches and channels is essential for comprehensive analysis and optimization.

### Digital Marketing Channels [69] [70] [71] [72]

- **Search Engine Optimization (SEO):** Organic search visibility, keyword optimization, on-page/off-page SEO, technical SEO [70] [71] [69]
- **Search Engine Marketing (SEM):** Paid search advertising, PPC campaigns, Google Ads, Bing Ads, keyword bidding [71] [69] [70]
- **Social Media Marketing (SMM):** Organic social media, paid social advertising, platform-specific strategies (Facebook, Instagram, LinkedIn, Twitter, TikTok) [69] [70] [71]
- **Content Marketing:** Blog posts, whitepapers, case studies, video content, infographics [70] [69]
- **Email Marketing:** Campaign management, segmentation, personalization, automation, deliverability [69] [70]
- **Affiliate Marketing:** Partner programs, commission-based marketing [70]
- **Display Advertising:** Banner ads, programmatic advertising, retargeting/remarketing [70]

- **Video Marketing:** YouTube, social video, video advertising [70] [43]

## Channel Performance Analysis [73] [74] [75] [43]

- Organic vs. paid performance comparison [74] [75] [73]
- Cross-channel attribution and measurement [74] [43]
- Channel mix optimization [75] [74]
- Halo effect analysis (paid impact on organic) [73]
- Multi-channel marketing effectiveness [43]
- Channel-specific KPIs and benchmarks [43]

## Account-Based Marketing (ABM) [76] [77] [78] [79] [16]

- Target account identification and selection [77] [79] [80]
- Account-level personalization and customization [78] [81] [77]
- ABM campaign development and execution
- Account engagement scoring [82]
- Sales and marketing alignment for ABM [81] [77] [78]
- One-to-one, one-to-few, and one-to-many ABM strategies [78]
- ABM measurement and ROI [80] [16]

## Lead Management [^1\_83][1\_84][^1\_85][1\_86]

- **Lead scoring:** Quantifying lead quality based on demographics and behavior [^1\_84][1\_87] [^1\_83] [23] [7]
- **Lead nurturing:** Building relationships through targeted content and touchpoints [^1\_85][1\_86] [^1\_83][1\_84]
- Lead qualification frameworks (MQL, SQL, SAL) [^1\_86][1\_84]
- Lead routing and distribution
- Lead lifecycle management [^1\_86]
- Drip campaigns and nurture sequences [^1\_84][1\_85]
- Lead velocity rate [40]

## Data Management & Governance

Ensuring data quality, security, and compliance is critical for trustworthy analytics and decision-making.

### Data Quality Dimensions [^1\_88][1\_89][^1\_90]

- **Accuracy:** Data correctly represents real-world values [^1\_89][1\_88]
- **Completeness:** All required data fields are populated [^1\_88][1\_89]
- **Consistency:** Data is uniform across systems and over time [^1\_89][1\_88]

- **Timeliness:** Data is current and up-to-date<sup>[1\_88]</sup><sup>[1\_89]</sup>
- **Validity:** Data conforms to defined formats and business rules<sup>[1\_89]</sup><sup>[1\_88]</sup>
- **Uniqueness:** No duplicate records exist<sup>[1\_88]</sup><sup>[1\_89]</sup>

## Data Governance Framework<sup>[1\_91]</sup><sup>[1\_90]</sup><sup>[1\_89]</sup><sup>[1\_88]</sup>

- Data ownership and stewardship roles<sup>[1\_90]</sup><sup>[1\_89]</sup>
- Data policies, standards, and procedures<sup>[1\_89]</sup><sup>[1\_88]</sup>
- Data quality monitoring and auditing<sup>[1\_90]</sup><sup>[1\_89]</sup>
- Data lineage and documentation<sup>[^1\_89]</sup>
- Master data management (MDM)<sup>[^1\_89]</sup>
- Metadata management<sup>[^1\_89]</sup>
- Data security and access controls<sup>[1\_88]</sup><sup>[1\_89]</sup>
- Privacy compliance (GDPR, CCPA) <sup>[10]</sup> <sup>[11]</sup> <sup>[^1\_91]</sup>

## Data Architecture & Integration <sup>[11]</sup> <sup>[4]</sup> <sup>[10]</sup>

- Data pipelines and ETL (Extract, Transform, Load)<sup>[42]</sup>
- Data warehousing (Snowflake, BigQuery, Redshift)
- Real-time vs. batch data processing <sup>[10]</sup>
- API integrations<sup>[11]</sup> <sup>[10]</sup>
- Tag management (Google Tag Manager, Adobe Launch)<sup>[^1\_92]</sup> <sup>[10]</sup>
- Event tracking and instrumentation<sup>[82]</sup>
- Cross-platform data stitching <sup>[10]</sup>

## Communication & Presentation Skills

Marketing analysts must translate complex data into compelling narratives that drive action.

## Data Storytelling<sup>[1\_93]</sup><sup>[1\_94]</sup><sup>[1\_95]</sup><sup>[1\_96]</sup>

- Narrative arc development (setup, conflict, resolution)<sup>[^1\_94]</sup>
- Context-setting and establishing baselines<sup>[1\_93]</sup><sup>[1\_94]</sup>
- Insight synthesis from multiple data sources<sup>[1\_91]</sup><sup>[1\_93]</sup>
- Actionable recommendations and next steps<sup>[1\_94]</sup><sup>[1\_93]</sup>
- Executive-level communication<sup>[1\_92]</sup><sup>[^1\_47]</sup><sup>[1\_93]</sup>
- Audience-specific messaging<sup>[1\_95]</sup><sup>[1\_94]</sup>

## Data Visualization Best Practices <sup>[14]</sup> <sup>[15]</sup> <sup>[13]</sup> <sup>[^1\_93]</sup>

- Chart type selection (bar, line, scatter, pie, heatmap)<sup>[13]</sup>
- Clear labeling and annotation
- Color theory and accessibility

- Dashboard design principles<sup>[^1\_92]</sup><sup>[23]</sup><sup>[13]</sup>
- Interactive vs. static visualizations<sup>[14]</sup><sup>[13]</sup>
- Mobile-responsive design<sup>[13]</sup>
- Decluttering and simplification<sup>[1-93]</sup><sup>[1\_94]</sup>

## **Stakeholder Management**<sup>[^1-97]</sup><sup>[^1\_3]</sup><sup>[1\_92]</sup><sup>[^1\_93]</sup>

- Cross-functional collaboration (marketing, sales, product, finance)<sup>[3]</sup><sup>[4]</sup><sup>[^1\_92]</sup>
- Executive reporting and board presentations<sup>[76]</sup><sup>[47]</sup><sup>[^1\_93]</sup>
- Influence without authority<sup>[23]</sup>
- Translating technical insights for non-technical audiences<sup>[6]</sup><sup>[^1\_97]</sup><sup>[7]</sup>
- Managing expectations and timelines<sup>[4]</sup>
- Presenting findings and recommendations<sup>[^1\_97]</sup><sup>[3]</sup><sup>[4]</sup>

## **Marketing Operations & Technology**

Marketing analysts often manage the technology stack and operational workflows that enable analytics.

### **Marketing Technology (MarTech) Stack**<sup>[9]</sup><sup>[5]</sup><sup>[^1\_92]</sup>

- Marketing automation platforms<sup>[16]</sup><sup>[18]</sup><sup>[19]</sup>
- CRM systems<sup>[20]</sup><sup>[17]</sup><sup>[23]</sup>
- Customer data platforms (CDP)<sup>[20]</sup><sup>[47]</sup>
- Analytics and attribution tools<sup>[9]</sup><sup>[8]</sup>
- Tag management systems<sup>[^1\_92]</sup><sup>[10]</sup>
- A/B testing platforms<sup>[^1\_98]</sup><sup>[5]</sup>
- Survey and feedback tools

### **Marketing Automation Workflows**<sup>[^1\_99]</sup><sup>[1\_100]</sup><sup>[^1\_101]</sup><sup>[1\_102]</sup>

- **Trigger types:**
  - Event-based triggers (sign-ups, purchases, form submissions)<sup>[^1\_101]</sup><sup>[1\_102]</sup><sup>[^1\_99]</sup>
  - Behavior-based triggers (email clicks, page visits, engagement)<sup>[^1\_100]</sup><sup>[1\_102]</sup><sup>[^1\_99]</sup>
  - Time-based triggers (delays, scheduled sends, date-based)<sup>[^1\_99]</sup><sup>[1\_100]</sup><sup>[^1\_101]</sup>
  - Score-based triggers (lead scoring thresholds)<sup>[^1\_100]</sup>
- Workflow logic and conditional branching<sup>[^1\_101]</sup><sup>[1\_99]</sup>
- Multi-step campaign sequences<sup>[^1\_99]</sup><sup>[1\_101]</sup>
- Audience segmentation within workflows<sup>[^1\_101]</sup>
- Personalization and dynamic content<sup>[^1\_99]</sup>

### **Marketing Operations**<sup>[^1\_103]</sup><sup>[^1\_4]</sup><sup>[1\_92]</sup>

- Campaign planning and execution
- Budget allocation and tracking[^1\_104][^76][^74]
- Marketing calendar management
- Process documentation and optimization[^1\_98][^4]
- Vendor and agency management[^76]
- Tech stack evaluation and implementation[^23][^1\_92]

## **Strategic & Leadership Competencies**

Senior marketing analytics roles require strategic thinking and team leadership capabilities.

### **Strategic Planning**[^1\_105][^1\_106][^47][^76]

- Marketing strategy development and alignment with business objectives<sup>[3]</sup> [^4] [^76]
- Long-term roadmap creation[^82][^76]
- Competitive analysis and market intelligence[^1\_107][^1\_106]
- Scenario planning and sensitivity analysis[^31]
- Business case development[^47][^76]
- Innovation and emerging technology adoption[^1\_105][^76]

### **Team Leadership & Management**[^1\_106][^1\_76][^1\_47][^1\_92]

- Team building and talent development[^76][^47]
- Mentoring and coaching[^1\_108][^7][^47]
- Performance management
- Resource allocation and capacity planning[^76]
- Cross-functional team coordination[^1\_106][^1\_92]
- Change management[^47]
- Analytics culture development[^82][^76]

### **Business Acumen**[^6][^1\_91][^1\_92][^47]

- Understanding of marketing fundamentals and principles[^1\_97][^6]
- Financial literacy and P&L understanding[^47]
- Industry knowledge and trends[^5][^1\_105]
- Product and service expertise
- Competitive landscape awareness[^1\_107][^1\_106]
- Customer psychology and buyer behavior[^7][^6][^1\_97]

## Specialized Marketing Analytics Areas

Certain roles focus on specific domains within marketing analytics.

### Digital & Web Analytics<sup>[1\_109]</sup><sub>[1\_110]</sub> [11] [10]

- Website traffic analysis and optimization<sup>[10]</sup>
- User experience (UX) analytics<sup>[4]</sup>
- Mobile app analytics<sup>[8]</sup> [10]
- E-commerce analytics<sup>[9]</sup> [10] [8]
- Landing page optimization<sup>[^1\_98]</sup> [4]
- Conversion rate optimization (CRO)<sup>[5]</sup> [4]

### Product Analytics<sup>[5]</sup> [6] [8]

- Feature adoption and usage tracking<sup>[8]</sup>
- User onboarding analysis<sup>[51]</sup> [49]
- Product engagement metrics<sup>[51]</sup> [8]
- Product-market fit assessment
- User activation and retention<sup>[49]</sup> [51]

### Marketing Research<sup>[1\_91]</sup><sub>[1\_107]</sub> [5]

- Primary research (surveys, interviews, focus groups)<sup>[^1\_91]</sup>
- Secondary research (market reports, competitive intelligence)<sup>[^1\_107]</sup>
- Consumer insights and behavior analysis<sup>[3]</sup> [5]
- Market sizing and opportunity assessment<sup>[^1\_106]</sup>
- Brand health tracking
- Customer satisfaction research<sup>[^1\_97]</sup>

### Growth Marketing Analytics<sup>[67]</sup> [4]

- Growth hacking experiments and rapid testing
- Viral coefficient and k-factor analysis
- Referral program analytics<sup>[70]</sup>
- Product-led growth (PLG) metrics<sup>[4]</sup>
- Activation rate optimization<sup>[51]</sup>
- Network effects measurement

## Industry-Specific Considerations

Marketing analytics requirements vary by industry and business model.

### B2B Marketing Analytics [77] [^1\_92] [23] [76]

- Account-based marketing (ABM) measurement [79] [80] [77]
- Pipeline analytics and forecasting [^1\_104] [47]
- Sales cycle analysis [77] [78]
- Multi-touch attribution in long sales cycles [26] [24]
- Marketing-sourced pipeline contribution [38]
- Lead-to-opportunity conversion rates [40]

### E-commerce Analytics [34] [9] [8]

- Shopping cart abandonment analysis [^1\_102] [57]
- Product recommendation effectiveness [67]
- Category performance analysis
- Customer lifetime value by segment [34] [35]
- Repeat purchase rate [35] [34]
- Average order value optimization [35]

### SaaS & Subscription Analytics [40] [4] [34]

- Monthly recurring revenue (MRR) and ARR [40] [47]
- Customer churn and retention analysis [66] [49] [35]
- Expansion revenue and upsell/cross-sell [34] [35]
- Free-to-paid conversion [45] [4]
- Cohort-based retention curves [48] [49] [51]
- Net revenue retention (NRR) [40]

## Emerging Trends & Technologies

Forward-thinking marketing analysts stay current with evolving capabilities.

### Artificial Intelligence & Machine Learning [6] [^1\_92] [76] [47]

- Predictive lead scoring [7] [67] [23]
- Customer segmentation with clustering algorithms [66] [7]
- Natural language processing (NLP) for sentiment analysis [13]
- Recommendation systems [68] [67]
- Marketing automation optimization [19] [16]
- Generative AI for content and creative [19]

## **Privacy & Compliance**<sup>[11]</sup> [^1\_91]<sup>[10]</sup>

- Cookieless tracking and measurement<sup>[66]</sup>
- First-party data strategies<sup>[66]</sup>
- Consent management[^1\_110]
- Data clean rooms<sup>[47]</sup>
- Privacy-preserving analytics[^1\_110]

## **Advanced Measurement**<sup>[82]</sup> [76] [47]

- Incrementality testing<sup>[30]</sup>
- Causal inference methods
- Synthetic control groups
- Marketing experimentation platforms<sup>[76]</sup> [47]
- Real-time analytics and decisioning<sup>[10]</sup> [13] [8]

This comprehensive taxonomy provides a structured framework for understanding the breadth and depth of marketing analytics terminology. Whether preparing for interviews, building job descriptions, or developing professional skills, these categories cover the essential knowledge areas that define modern marketing analytics practice.<sup>[3]</sup> [5] [4] [6] [1\_91][1\_97][^1\_92]<sup>[23]</sup> [7] [76] [47]

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1. [https://www.reddit.com/r/marketing/comments/q4cbi8/is\\_it\\_worth\\_it\\_to\\_learn\\_python\\_r\\_and\\_sql\\_and\\_why/](https://www.reddit.com/r/marketing/comments/q4cbi8/is_it_worth_it_to_learn_python_r_and_sql_and_why/)
2. <https://www.linkedin.com/pulse/sql-vs-python-r-whats-best-language-data-analytics-pqizf>
3. <https://skima.ai/resources/job-descriptions/marketing-analyst-job-description>
4. <https://resources.rework.com/libraries/job-description-templates/marketing-analyst>
5. <https://www.floowitalent.com/tips/7-skills-every-marketing-analyst-should-master>
6. <https://www.coursera.org/articles/marketing-analyst>
7. <https://www.techneeds.com/2025/02/07/what-is-a-marketing-analytics-manager-a-comprehensive-overview/>
8. <https://www.domo.com/learn/article/marketing-analytics-tools>
9. <https://improvado.io/blog/marketing-analytics-tools>
10. <https://www.spinxdigital.com/blog/adobe-analytics-vs-google-analytics/>
11. <https://www.akkio.com/post/google-analytics-vs-adobe-analytics>
12. <https://marketingplatform.google.com/about/analytics/>
13. <https://www.simplilearn.com/tutorials/power-bi-tutorial/power-bi-vs-tableau>
14. <https://technologyadvice.com/blog/information-technology/power-bi-vs-tableau/>
15. <https://www.domo.com/learn/article/power-bi-vs-tableau>
16. <https://www.getcensus.com/research-blog-listing/hubspot-vs-marketo-ultimate-marketing-automation-showdown>

17. <https://attentioncrm.com/salesforce-crm-system-customer-relationship-management-cloud-based-crm-business-automation-scalable-crm-salesforce-for-smbs-salesforce-features-crm-solutions-gartner-magic-quadrant-2/>
18. <https://www.sparkfive.com/blogs/marketoo-vs-hubspot-your-guide-to-marketing-automation>
19. <https://zapier.com/blog/hubspot-vs-marketoo/>
20. <https://www.salesforce.com/crm/>
21. <https://advancedcommunities.com/blog/salesforce-more-than-just-a-crm/>
22. <https://www.rakacreative.com/blog/hubspot/hubspot-vs-marketoo-vs-pardot>
23. <https://careers.adtalem.com/job/marketing-analytics-manager-in-chicago-il-jid-6180>
24. <https://agencyanalytics.com/blog/marketing-attribution-models>
25. <https://www.getdbt.com/blog/modeling-marketing-attribution>
26. <https://www.callrail.com/blog/how-to-use-attribution-models>
27. <https://www.invoca.com/blog/marketing-attribution-modeling-techniques>
28. <https://business.adobe.com/blog/basics/marketing-attribution>
29. <https://amplitude.com/blog/attribution-model-frameworks>
30. [https://en.wikipedia.org/wiki/Marketing\\_mix\\_modeling](https://en.wikipedia.org/wiki/Marketing_mix_modeling)
31. <https://www.datacamp.com/tutorial/decoding-marketing-mix-modeling-a-complete-guide>
32. <https://www.latentview.com/marketing-mix-modeling/>
33. <https://funnel.io/blog/what-is-marketing-mix-modeling-mmm-explained>
34. <https://www.netsuite.com/portal/resource/articles/ecommerce/customer-lifetime-value-clv.shtml>
35. <https://www.zendesk.com/blog/customer-service-and-lifetime-customer-value/>
36. <https://www.ibm.com/think/topics/customer-lifetime-value>
37. <https://www.bloomreach.com/en/blog/customer-lifetime-value-guide>
38. <https://www.smamarketing.net/blog/marketing-metrics-cmos-need-to-measure>
39. <https://www.data-mania.com/blog/ltv-vs-cac-key-metrics-for-roi/>
40. <https://firstpagesage.com/seo-blog/b2b-saas-marketing-kpis/>
41. <https://maven.com/articles/marketing-kpis>
42. <https://improvado.io/blog/marketing-kpis>
43. <https://www.woopra.com/blog/channel-analytics>
44. <https://thecmo.com/career/marketing-analytics-jobs/>
45. <https://userpilot.com/blog/conversion-funnel-analysis/>
46. <https://www.sarasanalytics.com/blog/roas-cac-ltv-ecommerce-kpi>
47. <https://careers.marriott.com/flex-senior-director-marketing-intelligence/job/752EA5F2469D1053055B6411CD596F40>
48. <https://www.pymc-labs.com/blog-posts/cohort-revenue-retention>
49. <https://userpilot.com/blog/cohort-retention-analysis/>
50. <https://matomo.org/blog/2024/01/cohort-analysis-marketing/>
51. <https://amplitude.com/blog/cohorts-to-improve-your-retention>
52. <https://netcorecloud.com/blog/cohort-retention-analysis/>

53. [https://www.braze.com/docs/user\\_guide/engagement\\_tools/testing/multivariant\\_testing/](https://www.braze.com/docs/user_guide/engagement_tools/testing/multivariant_testing/)
54. <https://www.csgi.com/insights/multivariate-testing-vs-a-b-testing-entire-experience-optimization-2/>
55. <https://www.oracle.com/cx/marketing/what-is-ab-testing/>
56. <https://blog.hubspot.com/blog/tabid/6307/bid/30556/the-critical-difference-between-a-b-and-multivariate-tests.aspx>
57. <https://matomo.org/blog/2024/01/conversion-funnel-optimisation/>
58. <https://www.glassbox.com/blog/conversion-funnel-optimization/>
59. <https://amplitude.com/explore/product/conversion-funnel-optimization>
60. <https://clevertap.com/blog/rfm-analysis/>
61. <https://www.braze.com/resources/articles/rfm-segmentation>
62. <https://www.optimove.com/resources/learning-center/rfm-segmentation>
63. <https://www.shopify.com/blog/rfm-analysis>
64. <https://blog.hubspot.com/service/rfm-analysis>
65. <https://www.techieexpert.com/from-data-to-decisions-using-predictive-analytics-for-better-marketing-roi/>
66. <https://www.snowflake.com/en/fundamentals/predictive-analytics-marketing/>
67. <https://agencyanalytics.com/blog/predictive-analytics-in-marketing>
68. <https://amplitude.com/blog/predictive-marketing>
69. <https://diggitymarketing.com/types-of-digital-marketing/>
70. <https://aioseo.com/digital-marketing-channels/>
71. <https://www.wisestamp.com/blog/difference-between-seo-sem-smm-and-smo/>
72. <https://www.cqlcorp.com/insights/the-5-main-types-of-digital-marketing/>
73. <https://rankpower.com/business/the-halo-effect-of-paid-digital-channels-on-organic-web-traffic/>
74. <https://www.growwithimg.com/paid-vs-organic-marketing-strategy/>
75. <https://www.floatmediahouse.com/blog-posts/integrating-organic-and-paid-media-strategies-for-holistic-marketing-success>
76. <https://www.themuse.com/jobs/constellationbrands/marketing-analytics-sr-director>
77. <https://www.linkedin.com/business/marketing/blog/abm/what-is-account-based-marketing-10-definitions-from-the-experts>
78. <https://www.atlassian.com/blog/loom/account-based-marketing>
79. <https://www.oracle.com/cx/marketing/account-based-marketing/>
80. <https://www.salesforce.com/marketing/account-based-marketing-guide/>
81. <https://www.optimizely.com/optimization-glossary/account-based-marketing/>
82. <https://careers.servicenow.com/jobs/744000067329788/sr-dir-marketing-analytics/>