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| **Feature** | **Datadog Pros** | **Coralogix Pros** | **Datadog Cons** | **Coralogix Cons** | **Winner** |
| Cost | Flexible pay‑per‑use pricing suitable for smaller deployments | More cost-effective for high-volume log ingestion with predictable flat pricing model.  Coralogix’s Cost & Token Tracking feature provides per‑token analysis, detailed breakdowns, and instant alerts on spending spikes.  We can filter eval data | Can become expensive at scale with per-log pricing | Limited flexibility in pricing tiers.  Additional pricing for evaluators  (Tokens × Enabled Evaluators) / 1,000,000). | Coralogix for high volume; Datadog for smaller deployments |
| Latency Monitoring | Purpose-built LLM observability with span-level metrics for agents and tools.  Detailed real‑time tracing | Strong distributed tracing capabilities with detailed timing analysis.  Includes in‑built span‑level tracing for per‑token breakdown of processing to pinpoint API delays and failures | Configuration and set up takes time; but already done | Relying on general-purpose instrumentation | Depends on focus: Datadog for LLM specifics, Coralogix for visualization |
| Data Quality Monitoring | Built‑in anomaly detection and customizable tags delivering advanced insights.  Extensive dashboards for out‑of‑box and custom metrics | Strong log ingestion and custom parsing rules with automated classification using prebuilt evals | Requires additional configuration for LLM-specific data quality metrics | Less integrated tooling that directly targets LLM‑specific data quality issues. More configurations required | Datadog |
| Model Behavior Tracking | Native LLM observability with model performance dashboards, token usage tracking, and hallucination detection | In‑built evaluators track quality metrics like hallucination, toxicity, and accuracy in real time | Premium pricing for advanced LLM-specific features  Additional setup required for deep model specifics. | Requires custom implementation for LLM‑specific behavior tracking.  Needs to define each use case if using evaluators and additional cost | Datadog |
| HRAN (High-Resolution Analytics Network) | Advanced, customizable high‑resolution dashboards for real‑time analytics (Set up already done) | Streaming analytics optimized for high‑volume environments | Complex custom configurations needed in dynamic scaling scenarios | Processing latency for very high-volume data | Coralogix |
| PII Data Redaction | Sensitive Data Scanner provides automated PII detection and redaction  Implemented via code logic before ingestion (already done) | Supports custom masking rules using regex/pattern matching which can be tailored to unique needs  Evaluator is also present  (Needs to be set up) | Additional cost for advanced data security features | Less sophisticated automation for PII detection  requires manual development of redaction rules | Datadog |
| Tool & Agent Monitoring | Native visualization of agent workflows and tool calls (as shown in screenshots) | Leverages distributed tracing to assemble end‑to‑end workflows | Observed meta data leaks | Less specialized for agentic workflows | Datadog |
| Kubernetes Integration | Comprehensive monitoring with automatic service discovery and detailed dashboards with scope for custom tagging  Documentation emphasizes robust Kubernetes features | Strong integration providing Kubernetes level insights with strong clustering of logs and errors  Easy set up | Resource‑heavy agents may add overhead in some environments | Less granular control for custom metrics | Tie |
| Query Analysis | Advanced analytics for tracking common queries and token cost patterns  Detailed dashboards for query insights  (Already set up) | Powerful search and filtering capabilities though typically generic rather than LLM‑focused | Requires a higher learning curve in setting up additional query analytics for new use cases | Requires more custom implementation for LLM query tracking | Datadog |
| Cost/Token Usage Tracking | Built-in token usage tracking and cost estimation (Already set up) | Cost & Token Tracking feature provides per-token analysis, detailed breakdowns of high-cost applications, and instant alerts on spending spikes | Additional setup needed for multi-model environments | To be researched in deep | Tie |
| Integration with RAG Workflows | Native support for tracking RAG components (retrieval, augmentation, generation) | Offers good overall tracing capabilities which can be extended to RAG‑oriented workflows |  |  | Tie |
| Implementation Complexity and Support | More complex initial setup but comprehensive dashboards  Support is slow and not immediate | Simpler implementation with faster time-to-value  White glove support available and 24/7 support available | Steeper learning curve for configuring advanced features | require more custom development | Coralogix |