



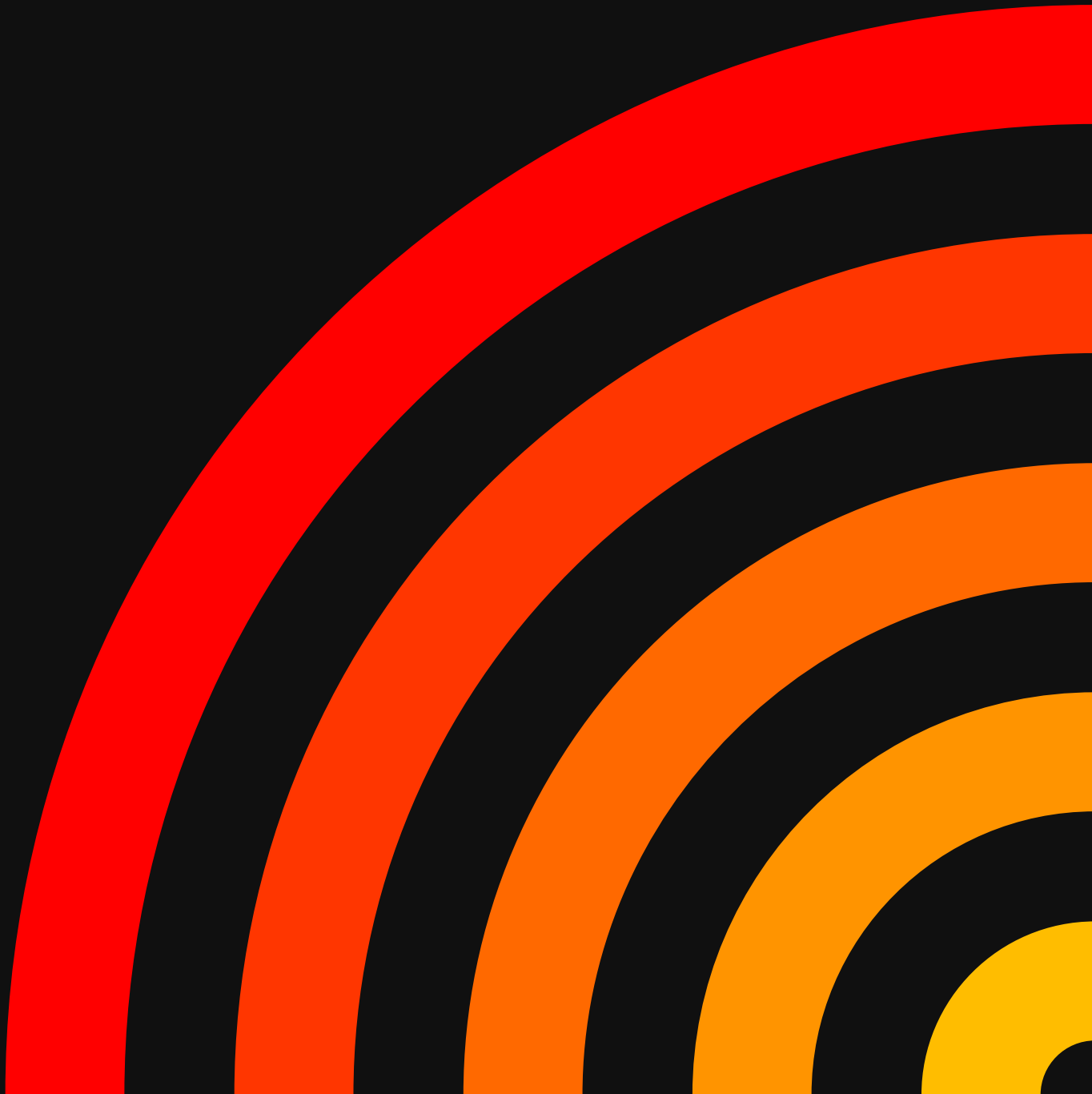
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INSIGHTS REPORT

Transforming Legal Bill Review with Generative AI: Enhanced Accuracy, Efficiency, and Insight

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MorAI Spend Insights



Revolutionizing Bill Review

Traditional legal bill review methods are challenged by inefficiencies, limited scalability, and an inability to analyze qualitative aspects of invoice data. Generative AI (GenAI)-based bill review addresses these gaps, offering unparalleled accuracy, efficiency, and actionable insights.

This white paper explores how GenAI, combined with robust frameworks like phase segmentation, line-item tagging, and cluster-based analysis, revolutionizes bill review for organizations. Using context from a case study on claim analytics, it highlights the tangible benefits of AI-driven processes, including cost savings and better compliance with billing guidelines.



The Current Challenges in Legal Bill Review



Manual and Rule-Based Systems

Manual Review	Automated Rule-Based Systems
Resource-intensive, slow, and prone to human bias and fatigue.	Limited to predefined criteria, unable to process unstructured data, and lacking adaptability to evolving billing patterns.







Persistent Blind Spots

Narrative Analysis	Pattern Recognition	Scalability
Difficulty assessing billing narratives for qualitative violations.	Challenges identifying trends across invoices.	Limited ability to process large volumes of data efficiently.

Introduction to Generative AI in Bill Review

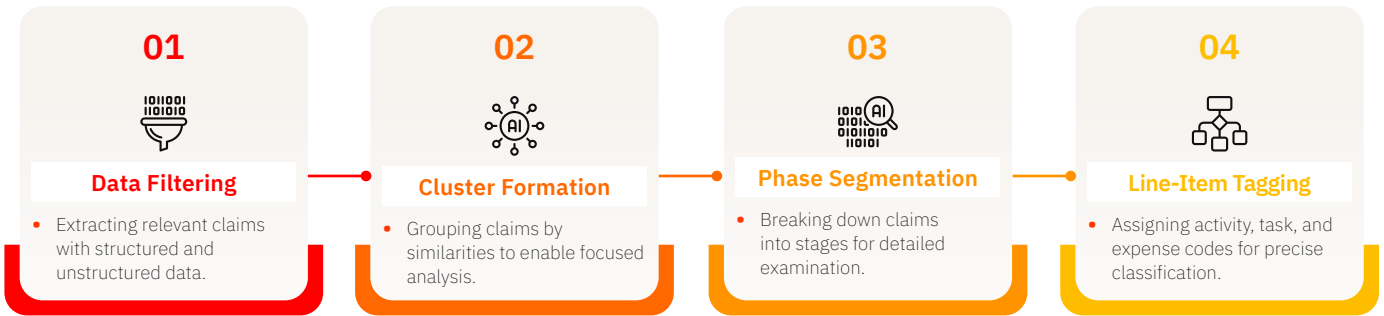
GenAI integrates natural language processing (NLP), machine learning, and generative capabilities to analyze legal invoices comprehensively. It automates complex tasks, identifies cost-saving opportunities, and ensures adherence to billing guidelines.

Key Features of GenAI-Based Bill Review

 Narrative Understanding	 Cluster-Based Insights	 Continuous Learning	 Predictive Analytics
Evaluates unstructured data to assess appropriateness of effort.	Groups invoices by shared characteristics for targeted analysis.	Adapts to new billing patterns and guidelines dynamically.	Anticipates future violations and identifies savings opportunities.

Case Context: Cluster-Based Claim Analytics

The analysis of claims offers a model for how GenAI can be implemented effectively. Claims were segmented into phases and clustered based on characteristics such as injury type and accident circumstances. Key steps included:



This framework laid the groundwork for applying GenAI to optimize bill review processes.

Advantages of Generative AI-Based Bill Review

Enhanced Narrative Analysis

Traditional systems overlook qualitative aspects of billing narratives. GenAI excels in:

Understanding Context	Violation Detection
Evaluating whether time spent is proportional to task complexity.	Identifying vague or duplicative descriptions, e.g., “general review.”

Example

AI flagged excessive partner hours for administrative tasks, enabling cost adjustments.

Efficiency and Scalability

Processes millions of line items in real time.	Reduces manual intervention by 50-60%, freeing resources for higher-value tasks.
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Case Impact

In the claims analysis, phase-wise AI tagging streamlined the review process, identifying problematic line items with unmatched speed.

Strategic Clustering and Pattern Recognition

Groups invoices based on shared attributes (e.g., injury severity, legal strategy).

Provides targeted insights for similar cases, enabling consistent decision-making.



Cluster Examples

- **Cluster 1:** Severe trauma claims with high settlement values.
- **Cluster 2:** Psychological trauma-focused claims requiring mental health interventions.

Phase-Specific Insights and Savings

By breaking down claims into phases (e.g., evidence gathering, negotiation), GenAI highlights inefficiencies at each stage.



Savings Example

- AI analysis of “Discovery” phase identified redundant document requests, saving significant costs.
- Across phases, predicted savings for CTP claims exceeded initial targets.

Adaptability and Continuous Improvement

Unlike static rule-based systems, GenAI adapts over time. It learns from:

Historical billing data.

User feedback on flagged anomalies.

Evolving billing guidelines and legal requirements.



Result

Reduced false positives and improved accuracy in detecting violations.

Quantifiable Benefits of GenAI-Based Review

Metric	Traditional Review	GenAI-Based Review
Accuracy	Moderate	High (95%+ compliance)
Narrative Analysis	Limited	Comprehensive
Processing Speed	Slow	Real-time
Cost Savings Identified	Limited	Up to 30% of total spend
Scalability	Labor-Dependent	Highly Scalable

Case Outcomes: Lessons from Claim Analytics

The analysis demonstrated the potential for GenAI in transforming legal bill review:



Improved Compliance

AI-generated guidelines ensured alignment with billing standards.



Cost Savings

Total savings across analyzed clusters exceeded 20%, highlighting inefficiencies.



Efficiency Gains

Automated line-item tagging and phase segmentation reduced review cycle times significantly.

Conclusion: The Future of Legal Spend Management

Generative AI-based bill review is not just a technological advancement; it is a strategic imperative for organizations seeking to optimize legal spend. By addressing traditional limitations and providing unmatched accuracy and insight, GenAI sets a new standard for compliance, cost savings, and efficiency.

To revolutionize your legal bill review process and achieve superior ROI, contact us for a tailored demonstration of GenAI-based solutions.

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About the author



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Murtuza is a Managing Director at Morae. He works with legal departments to develop innovative business solutions, including selecting and implementing technology, that will drive greater operational efficiency and cost savings.

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