







GenAI for Data Engineering

Enabling Faster Insights Through Intelligent Data Interfaces








Key Challenges in Data-driven Organizations





 <p>Legacy systems with fragmented, siloed datasets</p>	 <p>Dependence on technical users to extract insights and generate report</p>	 <p>Delays in report generation and insight delivery</p>	 <p>Struggle in interpretation of data schema manually</p>	 <p>Complex multi-source data that lacks semantic connectivity</p>	 <p>High cost and effort in maintaining traditional BI tools</p>
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Our AI-powered Data Engineering Framework






We simplify, accelerate, and scale enterprise data usage through an AI-first, self-service-driven architecture **GenAI-enabled Capability**

 <p>Natural language interfaces for database querying</p>	 <p>No-code, on-the-go dashboards powered by natural language queries and drill-down capabilities.</p>	 <p>Handle unstructured content with context-aware summarization & embedding using LLMs + vector DBs</p>	 <p>AI-powered entity linking across fragmented datasets</p>	 <p>Real-time slicing, dynamic metric generation</p>
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Our Approach to GenAI-driven Data Engineering

 <p>Conversational Data Access</p> <p>Natural language-based querying over structured databases using embedded schema understanding (Chroma, LangChain, GPT models)</p>	 <p>No-code Insight Layers</p> <p>Self-service dashboards with built-in filtering, slicing, and export capabilities-no technical skills or BI tools required.</p>	 <p>Contextual Data Linking</p> <p>Knowledge graphs with semantic relationships to map domain-specific data flows-e.g., genes → proteins → drugs in healthcare.</p>	 <p>Unified Data Orchestration</p> <p>Backend pipelines integrating relational, document-based, and cloud-native data sources</p>
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Business Outcomes Delivered

 <p>Up to 75% faster access to structured insights</p>	 <p>30-40% boost in researcher and analyst productivity</p>	 <p>Elimination of recurring BI tool costs via custom AI dashboards</p>	 <p>50%+ reduction in reliance on technical teams</p>	 <p>Smarter decisions driven by explainable, AI-enriched analytics</p>
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Let's Make Your Data Conversational