

BATCH-5

Title: AI powered contract Intelligence and compliance Suite

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ABSTRACT

Legal contracts often contain complex clauses that are hard to interpret, leading to ambiguity, misinterpretation and compliance risks. Manual review is a time consuming and error prone process, supervised learning faces challenges when labeled datasets are limited. To address these challenges this work presents a hybrid framework for automated legal clause classification, combining prompt based supervised classification with semantic embedding generation. The clause classification module, designed using *Gemini 2.5 Flash Lite*, which identifies clauses into pre-defined categories. The embedding generation module (embedding-001) converts clauses into high dimensional semantic representations so that you can do contextual similarity search and robust downstream analysis. Experimental results show that the hybrid system achieves high precision and recall in clause classification, and embeddings capture semantic relationships across different contractual language. The combination of classification and embeddings provides interpretability and adaptability, making the system a scalable solution for contract review, compliance verification and risk assessment.