

EFFICIENCY COMPARISON OF LLMS IN INFORMATION EXTRACTION FROM INSURANCE POLICY DOCUMENTS

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Abstract. *In this paper we compare the efficiency of various LLMs when used to extract information about action clauses from insurance policy documents. We conduct our experiments in both English and Dutch languages. We validate the extracted actions by each model and assess the precision compared to human interpretation of the content. In this paper we propose a method of retrieval and selection of question context, based on the document table of contents (TOC) using LLM. The method is very effective on tasks, where a sequence of questions must be generated, so that each question depends on the previous ones. The method can be applied in automated testing for job interviews or student examinations.*

Key words: Information extraction, LLMs, insurance.

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