A Review Paper on Artificial Intelligence on Document Search Technique

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Abstract: *It is based on generative self train transformer architecture which has been train on a massive amount of data to generate text that is indistinguishable from text written by human.One of the key feature of self train transformer is its ability to understand and respond to natural language input.By using this we can upload our pdf or any material and can ask any type of queries related to that pdf or material.*

It is a framework designed to streamline the development of applications that utilize language models (LMs) for complex, multistep tasks. Its primary focus is on creating and managing chains, which are sequences of calls to LMs and other computational tools that can . reason over the results. By integrating external APIs, databases, and structured tools, LangChain enables developers to build systems capable of context-aware reasoning, decisionmaking, and dynamic content generation. Its modular design makes it adaptable to various use cases, such as question-answering, document retrieval, automated agents, and conversational agents.

Keywords: Transformer , dyanamic, Langchain, Integrating external, content generation, database, decision making, modular, document retrievals, automated agents,, conversational agents

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585