SPIE - AUTOMATING AD-HOC QUESTIONS

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INTRODUCTION

The main challenge of our project is to upgrade the already existing AI system to be able to use ad-hoc questions and respond with the correct data.

Hereby researching the following question: how can an AI chatbot enhance the role of the business controller at SPIE by improving the efficiency and speed of data analysis and reporting?

RESULTS

The system currently supports basic end-to-end interaction with actual data, demonstrating that the concept works in a realistic environment. The integration of core components NLP processing, DAX query generation, data retrieval, and analytical response has been successfully tested with real-world datasets, marking this prototype at Technology Readiness Level 6: a system/subsystem model or prototype demonstration in a relevant environment.