

## Document Version A

### Title: LLMOps Document Comparison Experiment

This document serves as **version A** for the LLMOps experiment on Retrieval-Augmented Generation (RAG).

The goal is to test the performance of RAG systems in identifying similarities and differences between documents.

The content in this version highlights the **efficiency** of RAG when enhanced with **Low-Rank Adaptation (LoRA)**.

Performance metrics such as **BLEU** and **SPICE** have shown significant improvements in generated response quality.

Additionally, this document includes a unique reference to **transformer-based chunk retrievers** used in hybrid retrievers.