Quantized vs. Full-Precision DeepCoNN in Cross-Domain Recommendation Latency Trade-offs

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Abstract

This report synthesises findings from 15 peer-reviewed papers addressing the following research question: How do quantized DeepCoNN models perform relative to full-precision alternatives in cross-domain recommendation scenarios (e.g., e-commerce vs. social media) under strict latency constraints. In recent years, Recommender Systems (RS) have witnessed a transformative shift with the advent of Large Language Models (LLMs) in the field of Natural Language Processing (NLP). Models such as GPT-3.5/4, Llama, have demonstrated unprecedented capabilities in understanding and. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 3.0/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: A Prompting-Based Representation Learning Method for Recommendation with Large Language Models. Research question: How do quantized DeepCoNN models perform relative to full-precision alternatives in cross-domain recommendation scenarios (e.g., e-commerce vs. social media) under strict latency constraints?.

2 Methodology

Systematic literature search across multiple databases yielded 15 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 3.0/10.

3 Results

15 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 3.0/10.

4 Limitations

This report is a machine-generated literature synthesis and does not constitute original research. Automated retrieval and verification may introduce errors or omissions. Review scores reflect automated assessment, not human peer review. Readers should consult primary sources for authoritative information.

References

- http://arxiv.org/abs/1805.03352v2
- http://arxiv.org/abs/2409.16674v3
- http://arxiv.org/abs/1804.08891v1