Holistic Sum-Product Optimization for Large-Scale Machine Learning

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ABSTRACT

blah blah

1. INTRODUCTION

SYSTEM ARCHITECTURE

SystemML

3. RELATED WORK

Sum-product optimization frameworks: FAQ [1], AJAR, PANDA.

DB query compilation PL comprehensions HPC operator fusion ML systems operator fusion

4. CONCLUSIONS

We have the best theory and the best system! We have lots of future work!

REFERENCESM. A. Khamis, H. Q. Ngo, and A. Rudra. FAQ: Questions Asked Frequently. In *PODS*, 2016.

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