CMSC724: Literature Survey Applying Compression Techniques in MapReduce

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March 10, 2012

- 1 Inspiration: Floratou et al.
- 2 Background
- 2.1 MapReduce
- 2.2 Column-stores
- 2.3 Parallel Databases (?)
- 3 MapReduce Performance
- 3.1 Serialization and Data Format
- 3.2 Data Layout
- 3.3 Indexing
- 3.4 Data Compression
- 4 Other Concerns
- 4.1 Energy Efficiency
- 4.2 anything else i'm forgetting (?)

References

[1] Avrilia Floratou, Jignesh M. Patel, Eugene J. Shekita, and Sandeep Tata. 2011. Column-oriented storage techniques for MapReduce. Proc. VLDB Endow. 4, 7 (April 2011), 419-429.