



Zhuoyue Zhao

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Research category: C) System

Research area: Database Systems; in particular, approximate query processing, query optimization, transaction processing, and streaming processing

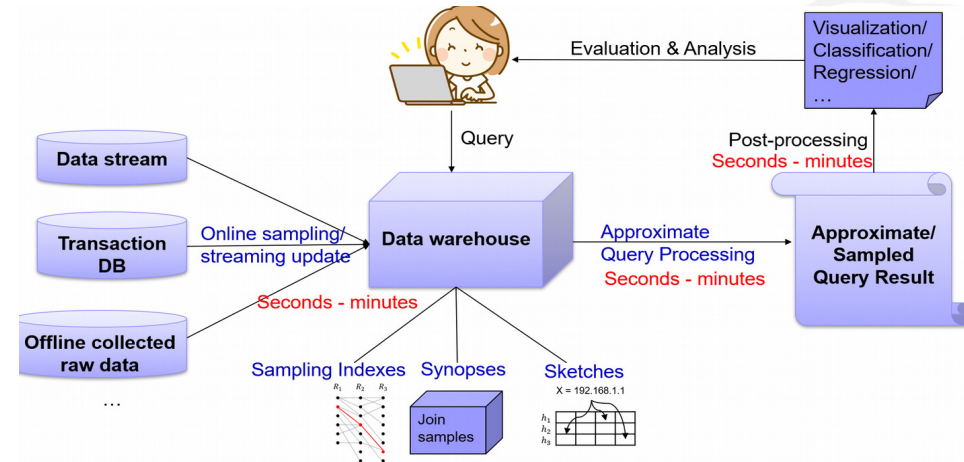
Research application: data warehousing and business intelligence, real-time data analytics

Selected research projects:

XDB: Online aggregation for PostgreSQL based on the wander join algorithm.

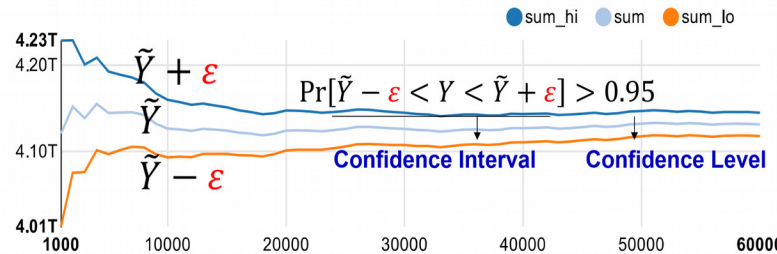
AB-tree: index for concurrent random sampling and updates.

● AQP for data warehousing and business intelligence



● Online aggregation

- Online aggregation: estimate SQL answers using random samples
 - Shrinking confidence interval over time



● Indexing support for real-time data analytics

