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# Research Area

## Efficient Data Processing on Modern Hardware



# UMBRA

[umbra-db.com](http://umbra-db.com)

Successor of HyPer  
Low Latency Code Generation  
In-memory performance on flash-based data

## Computational Storage

Move computation closer to the data

For what workloads is it beneficial?

Which impact has heterogenous hardware on the system design?

How to utilize it (and other accelerators) in a database system?