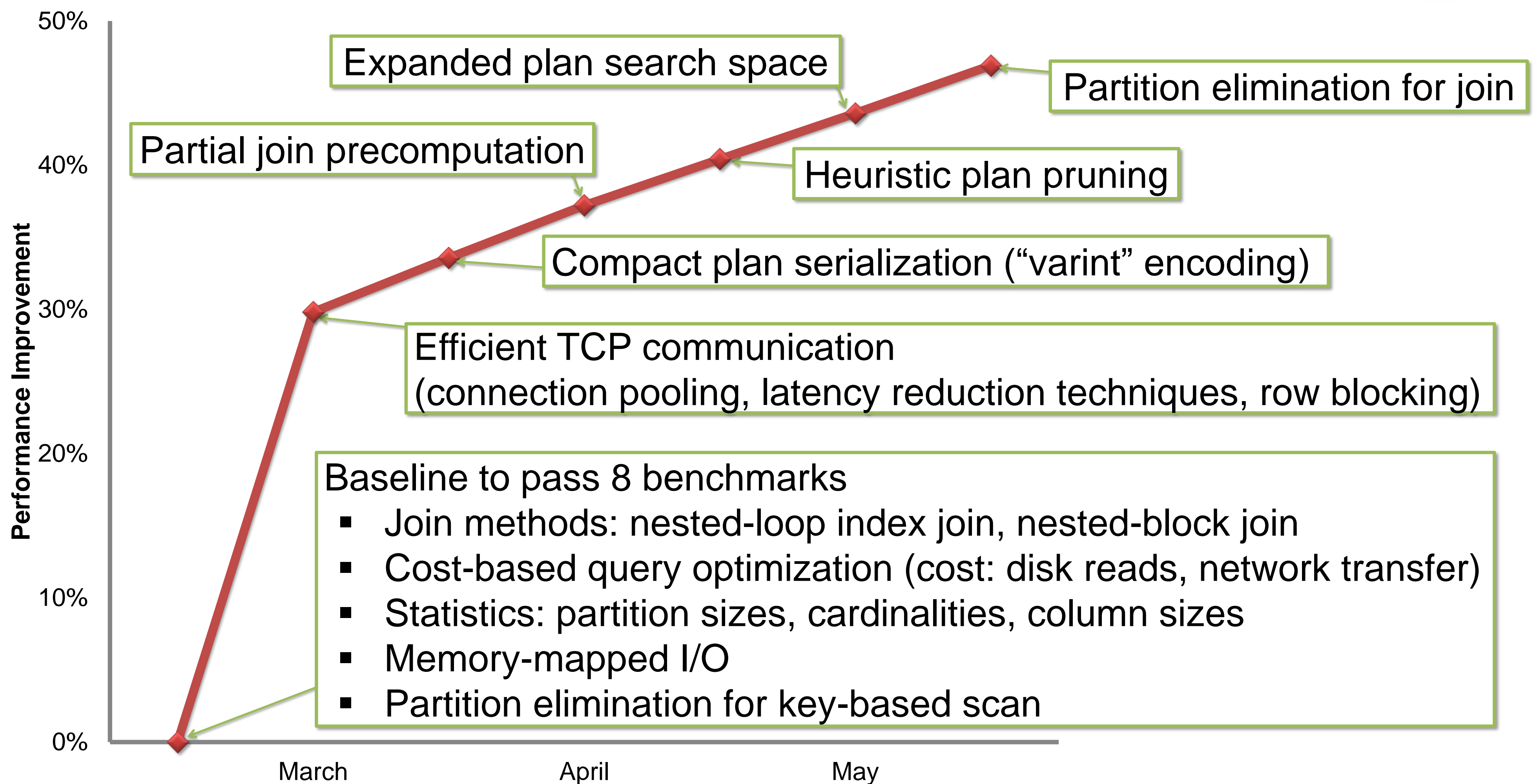




 **Team Cardinality** 
Hyunjung Park
Stanford University



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Pretreatment

- Statistics Gathering
- Primary Key Distribution
- Bloom filters for primary keys

Execution & Join Algorithms

- Bloom filter nested loop
- Hash join
- In-memory join

Planning

- Simple randomized planner
- Dynamic programming algorithm

Threads and Ports

- Single thread + thread per connection testing
- Dispatcher for overlapping communication and computation