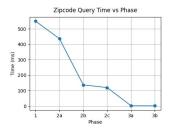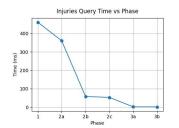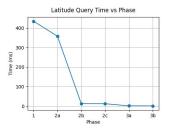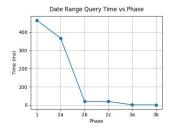Performance Metrics Across Phases

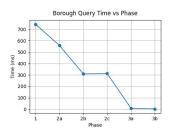## Optimizations
1. Parallel Processing
2. Chunking
3. Object of Arrays design
4. String to int conversion
5. Encoding limited set value strings

Potential Alternate Optimizations
Primitive data types