

Host Search Engine

Query ↓

X1: Parse Query

X2: Get Metadata

X3: Get Inverted Lists

X4: Execute List Operations
(e.g., Intersection)

X5: Similarity Computation and
Ranking

Query results ↓

Smart SSD

Metadata

Get Inverted Lists

Execute List Operations
(e.g., Intersection)

Results

Similarity Computation and
Ranking

Top-k
Results

