

## Data file

## Index file

← 8 bytes → ≤ 4 bytes ≥

Upper 8 bytes of md5 (key )	Start offset in data file
Sorted ↓	

Number of collided tuples
Key size ( 4 bytes )
Value size ( 4 bytes )
Key bytes
Value bytes
...
Number of collided tuples
Key size ( 4 bytes )
Value size ( 4 bytes )
Key bytes
Value bytes
↓