## Chapter 4.6 Algorithm based on Index

***Instruction:***

Kind of Algorithm need Index on one or more fields in the Relation. Selection Operation based on Index is especially useful, but also Join Algorithm and other Binary Operator Algorithm also have some benefits. In this chapter, we will introduce the algorithm.

### Chapter 4.6.1 Cluster and Non - Cluster Index

### Chapter 4.6.2 Selection based on Index

### Chapter 4.6.3 Connection by Using Index

### Chapter 4.6.4 Join by Using Ordered Index