

Tool tip and its meaning

- The tool tip when you hover over it gives you additional information about each operator. Each operator has its own tooltip and meaning. To view the tooltip without hovering over it right click the operator and go to properties
- Estimated operator cost – the cost of the operation (% of total cost)
- Estimated CPU cost – the cost of how much CPU was needed to complete the operation
- Estimated I/O cost – the cost of how much I/O was needed to complete the operation
- Estimated row size – the size each of rows executed by the operation
- Actual and Estimated number of rows – the number of rows executed by the operation
- Actual and Estimated execution mode – row or batch, shows whether the rows are processed one at a time, or in batches

BEFORE CREATING A CLUSTERED INDEX, CONSIDER SOME OF THESE FOLLOWING GUIDELINES

- Clustered indexes sort and store the data on their key values – as such only one clustered index
- Generally, every table should have a clustered index defined on the column
- Create clustered index on frequently used queries and high degree of uniqueness.
- Create clustered index on can be used in range queries
- Create clustered index with the UNIQUE property
- Create clustered index on operators using BETWEEN, >, >=, <, and <=
- That return large result sets
- Use JOIN clauses, ORDER BY, or GROUP BY clauses
- Are unique or contain many distinct values
- Are accessed sequentially
- Used frequently to sort the data retrieved from a table
- other