Clustered Index

in-disk b-tree data structure consist of 3 levels :

1- root node : contain
- clustered index keys
- with address of pages of other lower index pages

2- intermediate nodes : contain
- clustered index keys
- with address of pages of other lower index pages
- or address of actual data pages

3- leaf nodes : contain
- actual data pages

data is stored on disk with order
- Index Key Is Sorted in Indexes Pages in Root or intermediate nodes
- rows is Sorted (Logically or Physically) in Actual Data Pages in last level