

Table Scan Complexity

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graph LR; A[Table Scan Complexity] --- B[algorithm : Linear Search]; A --- C["Time Complexity : O(n)  
Because The Algorithm Need To Loop on All rows on Memory"]; A --- D["Space Complexity : O(n)  
Because the engine need to read and load all rows and pages from memory"]
```

algorithm : Linear Search

Time Complexity : $O(n)$
Because The Algorithm Need To Loop on All rows on Memory

Space Complexity : $O(n)$
Because the engine need to read and load all rows and pages from memory