

March 12, 2025

- ❖ What is fragmentation?
- ❖ Types of data Fragmentation
 - ❖ Horizontal data fragmentation
 - Primary Horizontal Fragmentation (PHF)
 - Derived Horizontal Fragmentation (DHF)
 - ❖ Reconstruction of Horizontal fragmentation
- ❖ Correctness rules of fragmentation
- ❖ Derived horizontal fragmentation
- ❖ Minterm predicate
- ❖ Vertical Fragmentation
 - Grouping(Bottom-Up approach)
 - Splitting(Top -Down Approach)
- ❖ Reconstruction of vertical fragmentation
- ❖ Hybrid/Mixed fragmentation
- ❖ Reconstruction of hybrid fragmentation
- ❖ Advantages and disadvantages of various fragmentation strategies. Which one is appropriate for a given situation?