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A Review on Comparative Study on Two Algorithms of Data De-duplication

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Abstract: *The process of identifying and eliminating duplicate data copies in order to improvespeed and free up storage space is known as deduplication. In deduplication, duplicates are replaced by references to the one instance of each unique piece of information that was originally stored. This is especially helpful for backup systems, which frequently store numerous copies of the same data. It saves expenses, minimizes the quantity of storage required, and enhances data management. Conversely, deduplication improves performanceby reducing footprint sizes and the amount of data processed or sent [1][2].*

Keywords: Deduplication, Data Reduction, Storage Optimization, and Backup Systems