Query optimization is a stimulating task of any database system. A number of heuristics have been applied in recent times, which proposed new algorithms for substantially improving the performance of a query. The hunt for a better solution still continues. The imperishable developments in the field of Decision Support System (DSS) databases are presenting data at an exceptional rate. The overall objective of this paper is to represent the various query optimization techniques using stochastic approaches which further optimize the design of query optimization genetic approaches.

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Index Terms

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