TDS: Top-Down Specialization

BUG: Bottom-Up Generalization

Q-ID: Quasi Identifier

MDSBA: Multi-Dimensional Sensitivity-Based Anonymization

HDFS: Hadoop Distributed File System

UDF: User Defined Function

: Ownership Level

ω: Sensitivity Factor

ψ: Sensitivity Level

Ø: Obsolescence Value

τ: aging factor

ρ: Aging Participation Percentage

*SG:* Fully-equivalent Group

*SSG:* Semi-equivalent Group

*NG:* Non-equivalent group

*Ɗ:* Disruption