Abstract

(PPDM) privacy preserving data mining is recent advanced research in (DM) data mining field; Many efficient and practical techniques have been proposed for hiding sensitive patterns or information from been discovered by (DM) data mining algorithms. (ARM) Association rule mining is the most important tool in (DM) data mining, that is considered a powerful and interested tool for discovering relationships between items, which are hidden in large database and may provide business competitors with an advantage, thus the hiding of association rules is the most important point in (PPDM) privacy preserving data mining for protecting sensitive and crucial data against unauthorized access; Many Practical techniques and approaches have been proposed for hiding association rules for (PPDM) privacy preserving data mining; In this paper the current existing techniques and algorithms for all approaches for (ARH) association rule hiding have been summarized.
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Index Terms

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Keywords

(DM) Data Mining; (PPDM) Privacy Preserving Data Mining; (ARM) Association Rules Mining; (ARH) Association Rules Hiding; (MST) minimum support threshold; (MCT) minimum confidence threshold; (SE) Side Effects; and (SAR) Sensitive Association Rules.