

PRIVACY PRESERVING APPROACH TO ANONYMOUS DATABASE

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Abstract

Suppose hospital has some private data which has important details of every patient. Now hospital want to send these details to research institute for some specific purpose with a primary concern that privacy of each patient should not violate by disclosing his data to researchers. If we permit each patient to add data directly into the database then database confidentiality will be broken and if we permit researchers to read every stuff of patient then privacy of patient will break. So to preserve privacy and confidentiality we have proposed approach namely suppression anonymous based method so as to maintain the privacy of the patient. The meaning of anonymity is to remove identifying entity from the database.

Keywords : Anonymous, Confidentiality, Privacy, Suppression