

Title (en)

STATISTICAL MODELS FOR IMPROVING THE PERFORMANCE OF DATABASE OPERATIONS

Title (de)

STATISTISCHE MODELLE ZUR PERFORMANZSTEIGERUNG VON DATENBANKOPERATIONEN

Title (fr)

MODELES STATISTIQUES PERMETTANT D'AUGMENTER LA PERFORMANCE D'OPERATIONS DANS UNE BANQUE DE DONNEES

Publication

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Application

EP 02729889 A 20020515

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Abstract (en)

[origin: WO02101581A2] The invention relates to a method for the automatic, software-driven statistical evaluation of large amounts of data that is to be assigned to statistical variables in a database. Said method is characterised in that a statistical model, which approximately describes the relative frequencies of the states of the variables and the statistical dependencies between said states, is learnt and is used to determine the approximate relative frequencies of states of the variables, in addition to the approximate relative frequencies belonging to predeterminable relative frequencies of states of the variables and expectation values of the states of variables dependent thereon.

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