

Abstract

Ahmed I Ahmed Bahgat Elseddawy

Enhanced K-mean Algorithm to Improve Decision Support System under Uncertain Situations

Decision Support System (DSS) is equivalent synonym as management information systems (MIS). Most of imported data are being used in solutions like data mining (DM). Decision supporting systems include also decisions made upon individual data from external sources, management feeling, various other data sources not included in business intelligence. Successfully supporting managerial decision-making is critically dependent upon the availability of integrated, high quality information organized, presented in a timely, easily understood manner. Data mining have emerged to meet this need. They serve as an integrated repository for internal, external data-intelligence critical to understanding, evaluating the business within its environmental context. With the addition of models, analytic tools, user interfaces, they have the potential to provide actionable information that supports effective problem, opportunity identification, critical decision-making, strategy formulation, implementation, evaluation. The proposed system Investment Data Mining System (IDMS) will support top level management to make a good decision in any time under any uncertain environment, on another hand using enhancing K-mean algorithm.