

Data Mining Technology: An Opportunity for Public Sector Accounting

Mohd Shaari Abd Rahman, Hafiza Aishah Hashim, Zalailah Salleh
Universiti Malaysia Terengganu

Abstract

This paper discusses the opportunity for Malaysian public sector to increase efficiency and effectiveness through the utilisation of data mining technology. Few studies have investigated the implementation of data mining technology in Malaysia. These studies have been within the private sector. However, in the public sector there have not been any. A data mining utilisation model is constructed combining information and communication technologies (ICT), knowledge management (KM), data warehousing (DW) and data mining (DM) for application in the Malaysian public sector and the benefits of adopting such a model are considered.

Keywords: Data mining; Data warehousing; Information and communication technologies; Knowledge management; public sector accounting