



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_14774
Title of the Manuscript:	Data Warehousing for a Public University in Kenya
Type of the Article	Short Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<u>Compulsory</u> REVISION comments	Issue 1 Line 40 "A university needs new approaches or techniques to provide a centralized source of information accessible across different academic units." Data warehousing is not a new approach. New approaches or techniques in data warehousing require the use of data coming from Web 2.0 (Big Data Analytics) and NoSQL databases. Issue 2 An inconsistency: 117 The proposed data warehousing technology consolidated essential historical data from the 118 underlying college disparate databases. The source data was identified and organized into 119 main subjects such as Finance, Enrolment and Performance. Each of this subject area 120 constituted a multidimensional-cube in the resultant data warehouse database. 171 The study successfully implemented a data warehouse database composed of a single 172 multidimensional cube based on subject area: Finance. This database brought together data 173 from multiple sources providing principals and decision makers of the college greater insight 174 into the college financial performance.	Line 40 has been revised The inconsistency has been revised



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	Three or one multidimensional cube? Issue 3 Line 102 “A subject-area or business line is also referred to as data mart, fact table and cube.” A little confusion on the terms data mart, fact table and cube. These do not refer to the same concept: (a) a data mart is part of a data warehouse and it covers a specific departmental area; (b) a cube is a conceptual representation of a fact; (c) a fact table is a logical representation of a cube using the relational model	The inconsistency has been revised
Minor REVISION comments	The authors should discuss also on the problem faced in the etl (extraction, transformation, loading) phase	
Optional/General comments	The paper is very clear. The aim is to reduce the gap among decision makers and the IT staff. However, the authors should present the evaluation criteria that have led to the choice of OLAP Reporting Tool for Excel competing interest:-If there are any competing interest please clarify.	