



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 (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)
<u>Compulsory</u> REVISION comments	EVALUATION OF THE ARTICLE: The article concerns the important and topical question of uses the Business Intelligence technology in the area of higher education. Unfortunately the professional level of this article does not allow to accept it as a scientific article. THE IMPORTANCE OF THE PROBLEM AND ITS SOLUTION: The starting point of the work is identified problem of high correlation between academic staff and IT staff in creating analysis and generating reports. The author rightly pointed out that this situation must be changing. Then is the finding that best technology to automate the process of analyzing and reporting data is Business Intelligence. And all these is true, but for long been known and is not eligible as the key idea of a scientific article. The main part of the article is the outline of the design. There are presented the examples of financial OLAP cubes for higher education. The outline is typical, so it is not interesting for scientist. SUGGESTED DIRECTIONS OF CHANGES AND ADDITIONS: What would be interesting is to show the efficiency of the test results of a prototype of a BI tool. Both from the point of view what is the change in the work efficiency and the access to information, as well as do users accept the new tool (because experience shows that it can be variously). Such tests will show does such the solution is indeed useful and especially does the university is ready for its implementation. From what can be deduced from the content of the article, currently the source data are spread across a large number of OLTP systems. It should be noted that in such case and taking into account the specific of the public universities it will be necessary to resolve the issues related to: • the approval from the individual units for extraction of data to the database of the data warehouse, • the quality of the source data,	A review has been done and revisions made at various sections to address these issues



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	• the cost and complexity of ETL process, • the standardization of the data in the data warehouse. These are major technical and organizational challenges that need to be resolved before it will be possible to convince someone that BI technology is good for him. Unfortunately the authors stopped at the level of implementing the OLAP cubes that can possibly verify the information scope of the data and the reporting scope possible to obtain, but does not answer the question what are the technology and the conditions which best meet the requirements of the university. To answer such questions it is essential to identify detailed (and not generic) requirements, to take into account all existing constraints and compare with possibilities of few different variants of solutions (from classical BI, through the in-memory model, to a combination of the BI module with the central ERP implementation). On the basis of such analysis could be formulated certain recommendations, which could be used by other universities. Only then this work would have both practical and substantive aspects.	
<u>Minor</u> REVISION comments	Very poor review of the literature. There is no description and presentation of BI technology and its various models. No scientific conclusions. The practical usefulness is also limited.	Literate has been revised BI has been added in the Intro Conclusion has been reviewed
<u>Optional/General</u> comments	The article topic is current and very relevant to many universities and public organizations worldwide. Unfortunately it has not reached the level required from a scientific article.	