
Editorial

Andy Koronios

Strategic Information Management Lab,
Advanced Computing Research Centre,
University of South Australia,
Mawson Lakes, SA 5095, South Australia
E-mail: andy.koronios@unisa.edu.au

Biographical notes: Andy Koronios received his PhD Degree from the University of Queensland. He has extensive teaching experience both in the tertiary sector at undergraduate and postgraduate, MBA, DBA and PhD level as well as in the provision of executive industry seminars. He has numerous research publications in a diverse area such as multimedia and online learning systems, information security and data quality, electronic commerce, and web requirements engineering. His current research interests focus on data quality and the use of information in strategic decision making. He is currently a Professor and the Head of the School of Computer and Information Science at University of South Australia.

1 Introduction

Welcome to fourth edition of IJIQ. We are delighted to be completing this issue as it marks the first year of its publication. We thank our contributors and the research and professional community for assisting us achieve this milestone.

This edition comprises four papers in two sections; the first focuses on qualitative and the later in quantitative methodologies.

2 Data quality initiatives

With the proliferation of information systems in modern organisations and the voracious generation of data, information quality initiatives are now emerging as ‘must do’ initiatives to address the questionable quality of information and thus decision making in contemporary enterprises. It is however often assumed that a data quality initiative is an ‘once only’ activity. It is of course the case that information quality is much more of a journey than a destination. The first paper in this issue ‘Data Quality initiatives: striving for continuous improvements’, by Sing What Tee, Paul L. Bowen, Peta Doyle and Fiona H. Rohde makes the case that data quality initiatives must adopt a ‘continuous improvement’ approach. It provides research evidence to confirm that a continuous improvement approach to data quality is necessary to maintain data quality.

The second paper, ‘A statistical and syntactical approach to data warehouse design quality’, by Pighin Maurizio and Lucio Ieronutti, have proposed an approach for the selection of data warehouse designs which helps in the evaluation of quality.

The third paper in this issue, 'A comparison of information technology professionals' and data consumers' perceptions of the importance of the dimensions of information quality', by Barbara D. Klein and Thomas J. Callahan examines the differing perceptions of the importance of information quality between the providers of information technology artifacts and those of the consumers of these. Furthermore it attempts to rate the perceptions of importance of the various data quality dimensions. This will no doubt provide guidance for organisations in their data quality initiatives.

Finally the last paper in this issue, 'The information management risk construct: identifying the potential impact of information quality on corporate risk', by Troy Pullen and Heather Maguire identifies the relationship between information quality and information management and enterprise risk. It further proposes an Information Risk Construct to identify the degree of risk that an enterprise may be exposed to as a result of poor record keeping and other information management activities and the role that information quality initiatives may have in the mitigation of such risks. Such research results can be extremely useful to organisations and thus the paper makes a significant contribution to practice.

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