Data Management

Issues, Challenges and Opportunities

Mira Kartiwi Akram M. Zeki



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DATA MANAGEMENT: ISSUES, CHALLENGES AND OPPORTUNITIES

Editors

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Muharman Lubis and Mira Kartiwi

ABSTRACT

Business relates to attempt in providing service or good, or both to consumer by certain formed organization labeled as company, where its goals majority about profit-oriented to increase the wealth of its owner. In explaining the statement regard "Business from different sectors are faced with different data management challenges", we should look out first at business process and operational as well as strategic use. Is there any specific tools or approach to address such challenges? How such tool or approach can be used to overcome the challenges in that business? or is there any alternative in addressing these issues?

12.1 INTRODUCTION

In doing business process, organization will engage certain procedures, policies, regulations, issues or problems due to what sector or industry it involved and the customer expectation or satisfaction, which called as challenges in conventional wisdom believe that. Data management is one of critical solution that needs high concern from organization to support business process in term of analysis and development. For instances, health sector is challenge by patients that expect to become healthy so company should provide regular treatment and medicine. Company collect many interrelated data there, such as time of patient got treatment/medicine, medical status, medicine dose, patient diagnose, patient information, medical check-up, etc. They need to be done immediately and accurately where data collection process integrated paper-based and digital-based