Perancangan dan implementasi prototype data warehouse pemeriksaan studi kasus BPK RI = Design and prototype implementation of financial audit data warehouse case study BPK RI

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Abstrak

[ABSTRAK
 Badan Pemeriksa Keuangan BPK bertugas memeriksa pengelolaan dan tanggung jawab keuangan negara mulai dari Pemerintah Pusat Kementerian Lembaga Pemerintah Provinsi atau Kabupaten Kota BUMN dan BUMD Hasil observasi menunjukkan bahwa manajemen pemeriksaan yang dilakukan BPK dilakukan dengan menggunakan sistem informasi berupa aplikasi e BPK dan eAudit Aplikasi tersebut memiliki database yang tersebar baik di Kantor Pusat maupun 33 Kantor Perwakilan sehingga pemeriksa BPK membutuhkan waktu yang lebih lama dalam melakukan analisis data pemeriksaan Oleh karena itu BPK memerlukan sebuah data warehouse yang menggabungkan seluruh data e BPK dan eAudit untuk melakukan analisis data pemeriksaan Penelitian ini bertujuan untuk membuat sebuah prototype data warehouse pemeriksaan Perancangan data warehouse dilakukan dengan menggunakan pendekatan bottom up dan menggunakan metodologi Kimball 1996 dengan memanfaatkan sumber data pemeriksaan yang sudah ada Pengumpulan data didapatkan dari hasil observasi lapangan dokumen internal organisasi dan wawancara dengan nara sumber yang terkait dengan pengolahan data di BPK Hasil penelitian menunjukkan bahwa diperlukan proses mapping data auditee untuk mentransformasikan data sumber pemeriksaan yang beragam sedangkan proses ETL dirancang secara otomatis Rancangan arsitektur dan model data warehouse dibuat dengan berdasarkan kebutuhan pengguna serta analisis sumber data pemeriksaan yang ada Dengan memanfaatkan rancangan data warehouse ini pemeriksa BPK diharapkan dapat melakukan proses analisis data laporan keuangan auditee lebih cepat dan mudah ABSTRACT
 Badan Pemeriksa Keuangan BPK has the task to audit the management and financial responsibility of Central Government Ministries Institutions Government of the Province District City state and local enterprises Observations show that BPK use eAudit and e BPK information systems to manage the audit The information systems has a database that is distributed both at head office and 33 representative offices so the auditor need more time to analyze the data Therefore BPK requires a data warehouse that incorporates all the data of e BPK and eAudit to conduct data analysis This research aims to create a data warehouse prototype of financial audit The design of a data warehouse use bottom up approach and Kimball methodology 1996 by utilizing the existing financial audit data sources The collection of data obtained from the results of field observations organization 39 s internal documents and interviews with informants related to data processing in BPK The results of this research indicate that the data mapping process is needed to transform the various financial audit data source and ETL process is designed by automatically The design of the data warehouse architecture and the model are based on user requirements and the analysis of financial audit data source By utilizing this data warehouse design the auditor is expected to analyze financial data more quickly and easily ;Badan Pemeriksa Keuangan BPK has the task to audit the management and financial responsibility of Central Government Ministries Institutions Government of the Province District City state and local enterprises Observations show that BPK use eAudit and e BPK information systems to manage the audit The information systems has a database that is distributed both at head office and 33 representative offices

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