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DEVELOPING A REAL-TIME SUITE FINANCIAL DASHBOARD STUDY IN ERP DATA GOVERNANCE AND VISUVALIZATION AT ANNAI COLLEGE OF ARTS AND SCIENCE KUMBAKONAM

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ABSTRACT

In the modern business environment, organizations increasingly depend on real-time financial information for strategic and operational decision- making. Enterprise Resource Planning (ERP) systems integrate core business functions such as accounting, procurement, inventory, sales, and human resources into a unified digital framework. However, despite the availability of large volumes of data, senior executives often face challenges in accessing structured, timely, and visually interpretable financial insights.

This study focuses on the development of a real-time C-Suite financial dashboard designed to enhance financial visibility, governance, and executive decision support. The project emphasizes ERP data governance principles and visualization techniques to transform complex financial data into clear, actionable intelligence. The dashboard system aims to improve financial transparency, reporting efficiency, and strategic monitoring at the top management level. The findings of the study highlight that integrating real-time analytics with ERP systems significantly improves organizational responsiveness, accuracy of reporting, and financial control.

KEYWORDS: *accounting* [1], *procurement* [2], *inventory* [3], *sales* [4], *human resources into a unified digital framework*[5]