

# **Business Intelligence and Data Warehouse Applications in the Education Sector**

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**Abstract:** *India's higher education industry is rapidly evolving and progressing in its use of technology. Educational institutions can strategically improve their overall performance and decision-making processes by integrating data warehousing and business intelligence tools. The purpose of this research paper is to examine higher education operations in greater detail about the advantages provided by data warehousing and business intelligence applications. We aim to clarify how these technology tools and pedagogical practices work in concert to improve institutional effectiveness, academic quality, and administrative efficiency. This study aims to shed light on the transformative potential of data-driven decision-making in the context of higher education in India through empirical analysis and case studies. The study's conclusions ultimately seek to provide useful recommendations for instructors, administrators, legislators, and other interested parties committed to enhancing the higher education environment*

**Keywords:** Data Warehousing, Business Intelligence, Data Governance, Technological infrastructure.