

**A PERSPECTIVE OF FEDERAL PROCUREMENT CERTIFICATION IN SMALL BUSINESS INTELLIGENCE MATURITY**

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**ABSTRACT**

Regardless of size, improving performance and productivity by measuring decision-making attributes are priority for business success. The groups of disadvantaged small businesses are no exception. This paper aims to draw attention to the certain characteristics of these businesses to contribute some knowledge to the BI field of research. For example, the federal certification process offers a rich place to explore intellectual capital disclosure effects on initial BI development. This perspective can be used by organizations to validate their ideas about federal certification, BI maturity, and advancement to desired maturity vantage points. The two hypothesis-generating questions asked are: Does federal certification offer BI strategies for disadvantaged businesses? Can the intellectual capital requirements be leveraged? The study was based primarily on a critical analysis of the parallelism of federal procurement digitization and certification; supporting literature; and the ongoing dialog within the Minnesota construction sector. The paper is organized with an introduction into broadening the BI maturity research to be more inclusive. Next, a historical perspective of procurement certification and business intelligence maturity are described and linked to the value of increasing BI maturity participation. Subsequently, domain support, sample state scenario and discussion points are provided to further illustrate the value proposition.

Keywords: *Intellectual capital, knowledge discovery, business intelligence, certification, maturity models, business analytics, strategic management, data mining.*