Investigating the Effects of Business Intelligence and IT Infrastructure Flexibility on Competitive Advantage in Manufacturing Organizations Based on Organizational Agility Perspective

Amir Hooshang Nazarpoori a, Masoud Ghodsi b, Majid Kiani c

a Assistant professor, management department, Lorestan University, Khoram abad, Iran.
b PhD student, management department, Lorestan University, Khoram abad, Iran. (Corresponding author)
c Master student of industrial management

Abstract

This paper seeks to investigate effects of business intelligence and IT infrastructure flexibility on competitive advantages based on organizational agility perspective. Research statistical population consists of employee and managers of three manufacturing organizations in fields of nylon, software and food products. For gathering data, it’s used from questionnaire. For analyzing data method of Pearson correlation coefficient is used. Research results show positive and direct effects of IT infrastructure flexibility and business intelligence on organizational agility. Also, there is direct and positive effects of organizational agility and IT infrastructure flexibility on competitive advantages but there isn’t such this effect for business intelligence on competitive advantages. Also, organizational agility has highest effect on competitive advantages.

Keywords: business intelligence, IT infrastructure flexibility, competitive advantages and organizational agility
References


