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Internet of Things Adoption in Manufacturing: An Exploratory of Organizational Antecedents

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Abstract:

The Internet of Things (IoT) is one of the most recently emerging supply chain processes in the manufacturing industry. To receive the benefits of the IoT, the organization must be ready to adopt this new technology. Several studies have looked into the perspective of the IoT in the industrial sectors. However, IoT is still in its early stages of adoption across various industries, including manufacturing. Thus, this study aims to identify factors influencing the IoT adoption in the manufacturing industry. By using a systematic literature review on several databases incorporated with summative content analysis, we explore the important factors and propose the research model of IoT adoption for the Malaysian manufacturing industry. These articles will assist businesses in the manufacturing value chain operation in understanding the user experiences of the IoT adoption and will motivate the research community to conduct additional research in IoT adoption.