



5.1 Introduction

This chapter presents the conclusion of the study based on the findings discussed in the previous chapter. It provides a summary of the study, the main conclusions, recommendations for organizations, limitations of the study, and suggestions for future research. The purpose of this chapter is to summarize the key findings and provide practical recommendations regarding the use of Artificial Intelligence to improve managerial decision-making in Saudi companies.

5.2 Summary of the Study

This study examined the impact of Artificial Intelligence on managerial decision-making in Saudi companies. The research aimed to investigate how AI technologies support managers in improving decision quality, increasing efficiency, and enhancing organizational performance. A quantitative research approach was adopted, and data were collected through a structured questionnaire distributed to employees and managers working in Saudi companies. The collected data were analyzed using appropriate statistical techniques to examine the relationship between Artificial Intelligence and managerial decision-making. The findings of the study provide valuable insights into the role of AI in supporting managerial decisions and contribute to the growing body of knowledge on Artificial Intelligence in business management.

5.3 Conclusions

Based on the findings of this study, it can be concluded that Artificial Intelligence has become an important tool in supporting managerial decision-making in Saudi companies. The use of AI enables managers to analyze large amounts of data more efficiently, improve the accuracy of decisions, reduce decision-making time, and enhance overall organizational performance. The study also concludes that the successful implementation of AI requires continuous investment in technology, employee training, and organizational support to maximize its benefits in the decision-making process.

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5.4 Recommendations

Based on the findings of this study, the following recommendations are proposed:

1. Saudi companies should increase their investment in Artificial Intelligence technologies to improve managerial decision-making.
2. Organizations should provide continuous training programs to enhance employees' and managers' knowledge and skills in using AI applications.
3. Companies should develop clear strategies for integrating Artificial Intelligence into their decision-making processes.
4. Organizations should ensure the availability of accurate and high-quality data to improve the effectiveness of AI systems.
5. Future business strategies should encourage innovation and the adoption of advanced AI technologies to enhance organizational performance and competitiveness.

5.5 Limitations of the Study

This study has several limitations. First, it focused only on employees and managers working in Saudi companies, which may limit the generalizability of the findings to other countries or sectors. Second, the study relied on questionnaire responses, which may be influenced by the participants' personal opinions and experiences. Finally, the study examined only the impact of Artificial Intelligence on managerial decision-making and did not consider other factors that may influence decision-making processes.



5.6 Suggestions for Future Research

Future research is recommended to investigate the impact of Artificial Intelligence on other aspects of organizational performance, such as employee productivity, innovation, and customer satisfaction. Future studies may also include larger samples from different industries or countries to enhance the generalizability of the findings. In addition, researchers are encouraged to examine the challenges and ethical issues associated with the adoption of Artificial Intelligence in organizations.

5.7 Chapter Summary

This chapter presented the overall conclusion of the study by summarizing the research findings, conclusions, recommendations, limitations, and suggestions for future research. The study highlighted the importance of Artificial Intelligence in supporting managerial decision-making in Saudi companies. The recommendations provided in this chapter may help organizations improve the effective use of AI technologies and enhance the quality of managerial decisions. It is expected that this study will contribute to future research on Artificial Intelligence and business management