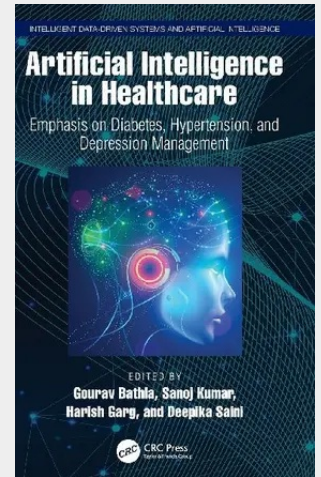


## Artificial Intelligence in Healthcare

Emphasis on Diabetes, Hypertension, and Depression Management

This book presents state-of-the-art research works for a better understanding of the advantages and limitations of AI techniques in the field of healthcare. It will further discuss artificial intelligence applications in depression, hypertension and diabetes management. The text also presents an artificial intelligence chatbot for depression, diabetes, and hypertension self-help. This book: - Provides a structured overview of recent developments of artificial intelligence applications in the healthcare sector. - Presents an in-depth understanding of how artificial intelligence techniques can be applied to diabetes management. - Showcases supervised learning techniques based on datasets for depression management. - Discusses artificial intelligence chatbot for diabetes, depression, and hypertension self-care. - Highlights the importance of artificial intelligence in managing and predicting diabetes, hypertension, and depression. The text is primarily written for senior undergraduate, graduate students, and academic researchers in diverse fields including electrical engineering, electronics and communications engineering, computer science and engineering, and biomedical engineering.

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