

Review of: "Rules Extraction, Diagnoses and Prognosis of Diabetes and its Comorbidities using Deep Learning Analytics with Semantics on Big Data"

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Potential competing interests: No potential competing interests to declare.

This is an interesting study. The authors have presented valuable information regarding the development of a novel Artificial Intelligence (AI) based approach to analyze data of real patients with different comorbidity diseases. This manuscript is generally well written and structured. However, in my opinion, apply the following suggestions to improve this manuscript.

Abstract

1- Overall, the abstract is well written and effectively conveys the key aspects of the study. However, it would be better to present the indicators that represent the model in order to make the results more concrete.

2- In the abstract section, the conclusion of the study should be mentioned at the end.

Highlights

3- The highlights should be stated more concisely.

Introduction

4- The introduction of the study has no references. This is an important point to bring up, as references are crucial for providing context and supporting the claims made in the introduction. It would be helpful if the authors included relevant references to support their arguments and provide a stronger foundation for their study.

5- At the end of the introduction, it is stated that the study was conducted in nine sections. However, in the explanation section, it is mentioned that the study was conducted in 13 sections.

Other parts of the article are well-organized and effectively written.