Review of: "Exploring machine learning techniques to develop predictive models to address unemployment rates in the implementation of Industry 4.0"

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Potential competing interests: No potential competing interests to declare.

Your paper is an interesting topic that deserves a simple implementation to illustrate its usefulness.

Develop a simplified version of the predictive model using a subset of data or a specific case study. This can serve as a tangible example of how the model works in practice. You could provide scenarios or examples of how policymakers or businesses could use the proof of concept model to make informed decisions in the context of Industry 4.0.

The technical side of data collection is missing and is necessary to tie into the machine learning approaches to make the process more scientific. The paper is generally written in a highly verbose manner, and its length can be reduced substantially without removing information.

The bottom line: Although a holistic framework appears to be outlined well, machine learning might as well not have been included in this paper. The superficial literature review lacks a comprehensive exploration of data by highlighting key variables and their intricate relationships. This casts doubt on the appropriateness of using the machine learning algorithm used in the literature. Furthermore, the absence of in-depth analysis leaves a gap in understanding the nuanced impact of various factors on unemployment rates in developing countries during the implementation of Industry 4.0.