A comparison of occupational accidents in the manufacturing and construction sector through data mining techniques.

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Abstract

Occupational accidents are a problem that affects all work sectors. All of them involve a high human and economic cost both for companies and society, although not all of them are of the same severity. In this work, we focus on the application of data mining techniques and data analysis to compare accidents in construction and manufacturing sectors in order to learn more about previous workplace accidents. These techniques allow to contemplate a large number of possible variables related to each accident and allow to find relational patterns between them.