BWL

Bachelor Thesis

Prevention of Insolvency in enterprises by using Artificial Intelligence

Artificial Intelligence (AI) can help to avoid corporate insolvencies by using early warning systems as well as suitable crisis indicators. In this bachelor thesis a systematic overview of potential methods in insolvency avoidance as well as areas of application shall be researched by means of a literature review.

The method used is a systematic literature search. For this purpose, both scientific and practical journals are to be analysed. The selection of the journals is based on the ranking published by the VHB (VHB-Jourqual 3). The result is a list and description of possible early warning systems for small businesses and researched areas of application.

Tasks

- Conducting a literature search on the topic of AI in insolvency avoidance
- Systematic processing of various AI procedures for insolvency avoidance
- Demonstration of previously applied methods on the basis of a literature search
- Preparation of the results in a paper, which will be published

Location/Duration:
At home/Library
Start: Immediately
Duration: approx. 5 months

Important:
Internally assigned bachelor thesis
Institute of Business Economics and Industrial Sociology
Interest in artificial intelligence in a business insolvency avoidance context!

Contact:
Rudolf Grünbichler, rudolf.gruenbichler@tugraz.at
► www.bwl.tugraz.at