

Padova, 10/11/2023

Rozes

Rozes S.r.l., born as a spin-off of the University of Padova, is a company specialized in the development of artificial intelligence algorithms aimed at identifying financial crime risks. Proprietary and patented software allows Rozes to conduct precise predictive analyses in data intelligence to solve problems before they emerge and can pose reputational and industrial risks.

The Rozes Index represents, in summary, the degree of similarity of the examined company with a sample of companies whose administrators and/or partners are directly involved in criminal proceedings for crimes related to organized crime. A high value of the index expresses similarity with companies characterized by accounting anomalies resulting from fraud, money laundering, false invoicing, corruption, fraudulent bankruptcy, etc.

Based on patented¹ proprietary artificial intelligence algorithms, Rozes analyzes financial statements with sophisticated machine learning techniques and calculates the so-called Rozes Index: immediate and 92% accurate.

In addition, it offers the Default Index: an AI algorithm that, by analyzing financial statements, identifies similarity with companies that have failed in the following 24 months, with an accuracy² level of 91%. This, in collaboration with the Rozes Index, is essential in order to intercept phenomena such as (e.g.) fraudulent bankruptcy and the risk of debt and credit fraud.

Both indices are calculated from public, standardized, and available information - namely the financial statements of the analyzed companies - processed with sophisticated artificial intelligence techniques.

Rozes independently develops 100% of the algorithms and technological solutions, starting from scientific research, to the development of AI models, up to the production of platforms.

Internship opportunities

Rozes is offering internship opportunities in order to:

- Data analysis and solutions' development in the field of AML - Anti Money Laundering
- Development of predictive algorithms applied to financial disclosure for the identification of legal and operational risks
- Gathering open data from various sources and structuring these data into dataset suitable for conducting statistical inference
- Quantitative analysis of financial textual information through NLP techniques

The internship will be held in Padova, comprehensive reimbursement.

¹ Rozes operates as the exclusive licensee of patent no. 102020000001681, filed on January 29, 2020.

² By accuracy, we mean the ratio between the number of correct predictions and the total number of predictions made by the model.