

The Creation of New Tutor System based on Artificial Intelligence to Support Companies and Workers against the New Working Market.

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Abstract

The digital transformation, the challenges for the world of training, the lifelong learning process, the labour market mobility has changed in the last decade. Based on this fact, using also the "big data" from companies, the research project aims to create an interactive mentoring structured on artificial intelligence model, capable of identifying precise targets. The method will be qualitative and quantitative through data mining; it will allow an elaborate process of data selection in order to derive useful information in large quantities. The program-tutor will be able to identify groups of data and clusters and produce regressive analysis. The program will produce linear regression, multiple linear regression and polynomial regression. The artificial tutor will be able to "find" a job or the exact attitude of the worker, then place every person in the right market environment.

Keywords: artificial intelligence, work market, tutoring, lifelong learning, soft skills, algorithm