

Use of A.I. to use LinkedIn as a new source of data

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Abstract

Our analysis was created to find new, sustainable, and easily accessible sources of data, and is realized by implementing a web scraping algorithm on the LinkedIn website. This algorithm allows us to obtain precious information, such as educational backgrounds, previous work experience and much more. Through machine learning we can analyze it, automating the various processes of data collection and analysis, through the creation of reports, and compare it with previous studies and data already stored. The goal is to analyze this data that could be used to connect users with similar interests, needs, training, and employment paths; it could be useful to companies looking for highly qualified personnel, or with very specific training, or it could be used by training providers who want to offer training courses.