PIAZZA COPERNICO
LEARNING EXPERIENCE EVOLUTION

LearnalyzeR

Software tool to support learning strategies with learning analytics

Analyze training data:

- to improve data management within LMS and the results of Corporate Training
- to understand and compare different learning experiences (scorm, webinar, classroom, hybrid learning)

LearnalyzeR

What is LearnalyzeR

It is a Learning Analytics System to communicate via API with company LMS platforms.
The tool can process all data stored daily in the corporate training platforms, acquiring data from all kinds of training (online courses, videos, classrooms, webinars, social learning) and integrated data from help desk ticketing and tutoring systems.

The statistical model

The model is based on a statistical index, which is a composite quantitative indicator formed by the aggregation of quantitative sub-indicators, that measure the training experience of each user. Moreover the index can be compared with the indexes of other participants or other courses (even adopting a different methodology).

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How it was built

The model was developed by integrating the rigorousness of data science analysis with Piazza Copernico know-how, through collaborative decision methods (AHP - Analytical Hierarchical Process), that involved all business operators (project managers, instructional designers, tutors, LMS developers).

What we have achieved

A Data Analysis Model designed by industry experts, and built on a solid statistical basis.

An expert Data Analysis System, whose values can be easily customized on the specificities of the training context and automatically parametrized to describe the real learning experience.

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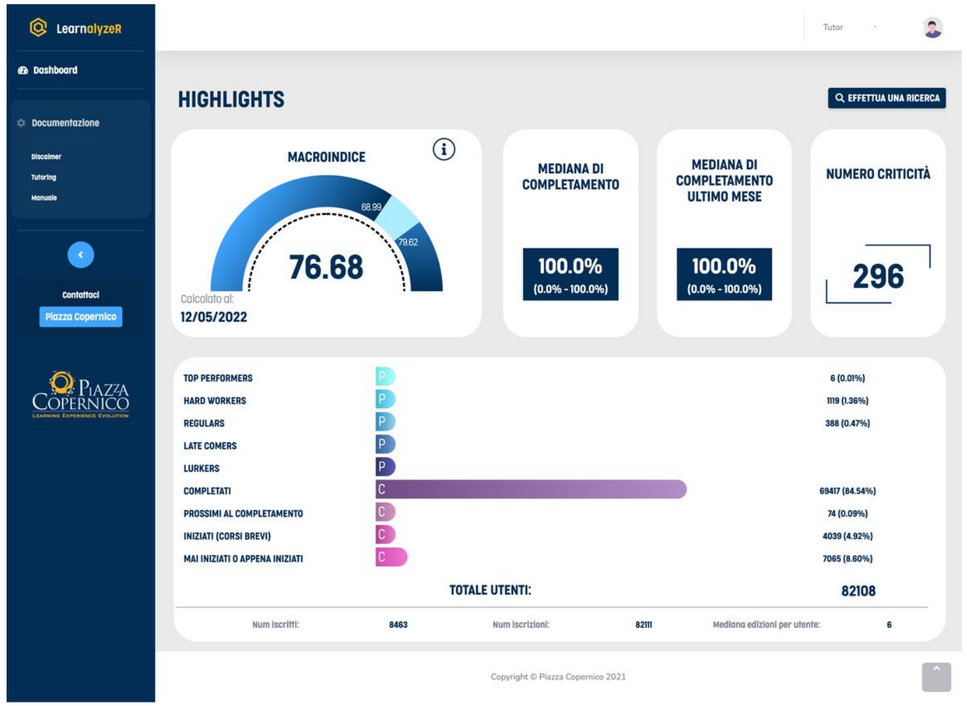
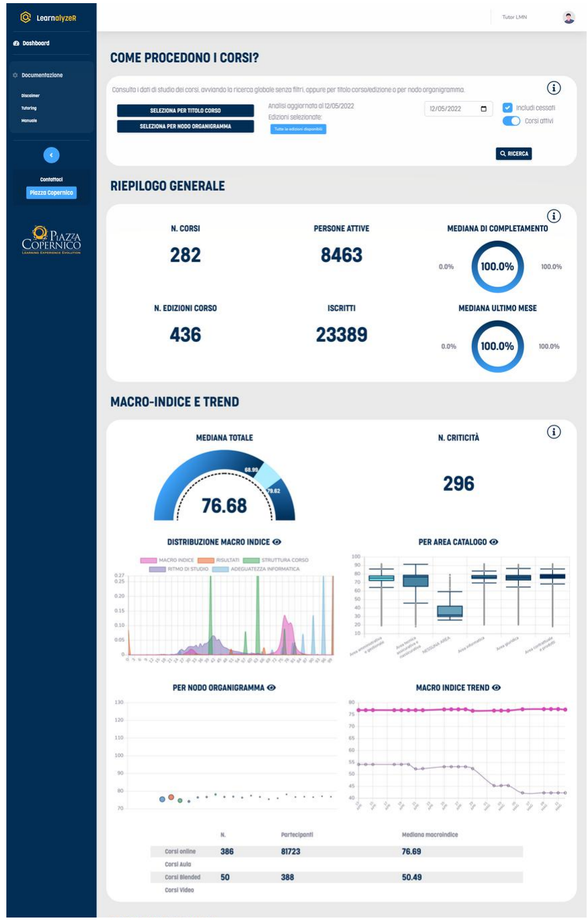
The Dashboard





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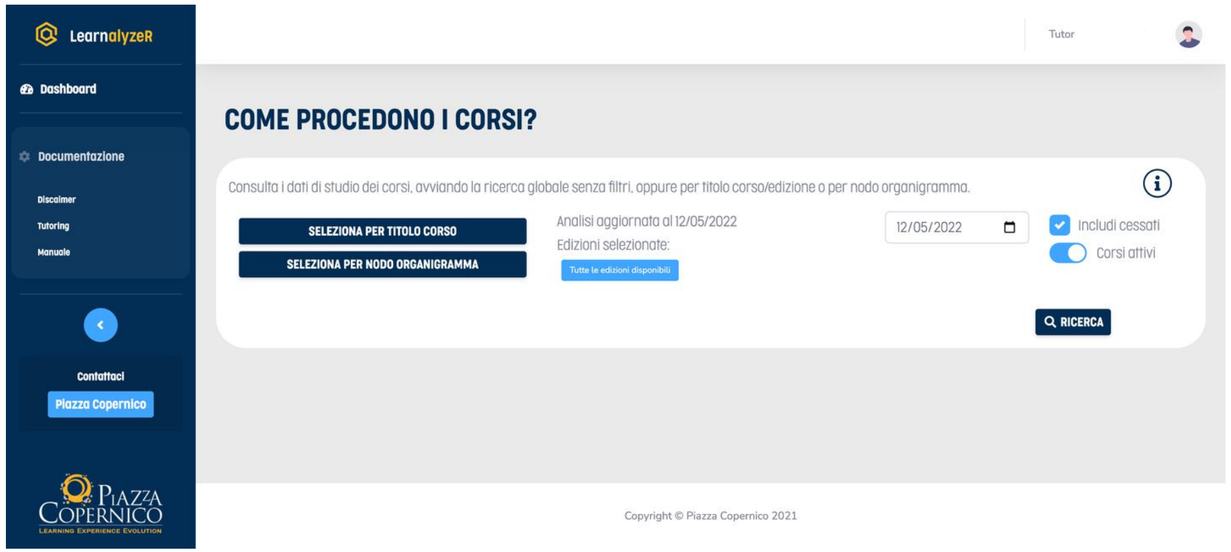
Training Analysis



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A tool of daily usefulness to support Corporate Academies:

- it allows to track data and make data-driven decisions in an increasingly effective way to manage didactic organization
- it sets up the predictive calculation of learning performances that users can achieve, based on the calculation of statistical data and using the benchmark of the historical data
- it helps to understand, and therefore improve, the training experience and consequently contributes to people engagement

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Via Francesco Gentile 135
00173 - Roma (Italy)
www.piazzacopernico.it

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www.learnalyzer.it