SEAL Integrated Platform

Student Experience for Augmented Learning

analytikus EDUCATION

Stakeholders — Prospects | Students | Faculty | Institutions | Alumni

Best Practices — **SEAL IMPACT**

Channels — SEAL Insights (Reporting Platform) | SEAL Connect (API Services)

AI Agents Engine — Lead Nurturing | Sales follow up | Program info | Interventions for at-risk | Mentor Support | Career Coach | Continuou… Education S…es | Pedagogical support | AI Tutor

AI Modules — **Admissions** (Admissions Optimizer) | **Retention** (Foresight) | **Lifelong Learning** (Skills Planner) | **Augmented Learning** (Portrait & Learning Buddy)

Data Layer — WHALE *(Warehouse of Holistic Academic and Learning Environment)*

Transactional Systems — SIS | LMS | ERP | CRM | MS Graph | Others

Azure

Copyright © 2025 : Analytikus | All rights Reserved.

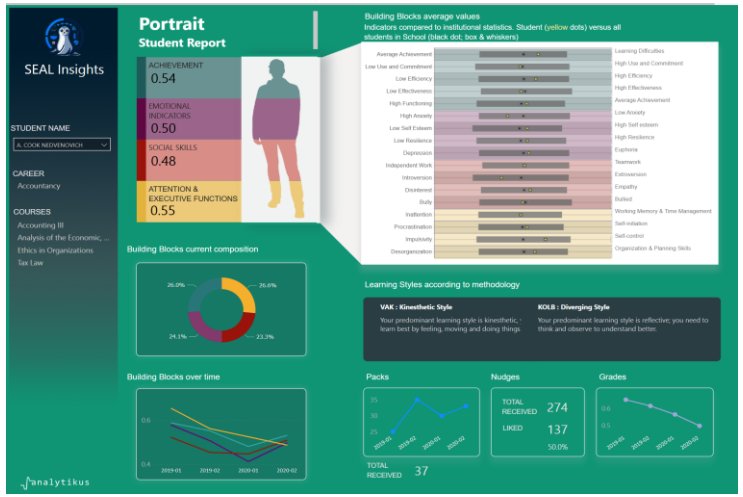
Augmented Learning Portrait

Transform the student experience through personalized accompaniment.

"... Portrait [...] accompanies the student experience through bots. It also allows teachers and Program Directors to have a characterization per student and enhance student counseling services, making immediate decisions to offer personalized support during the academic cycle."

Lenin Landázuri, Chief Technology Officer-Universidad de las Américas (UDLA)

Portrait is an artificial intelligence solution that personalizes the learning experience by analyzing each student's individual processes and offering targeted support and recommendations.



- Impact:
  - **Improved academic performance**: Provides personalized recommendations that help students improve their performance.
  - **Increased motivation**: Offers continuous and personalized support, which increases student motivation and engagement.
- Portrait uses data from a variety of sources, such as the LMS and surveys, to analyze and understand each student's learning journey. Uses machine learning models to:
  - **Characterization of learning**: Analyze how each student learns and what factors affect their performance.
  - **Personalized recommendations**: It offers advice and pedagogical strategies adapted to each student.
  - **Ongoing Support**: Provide reminders and constant support through a virtual assistant.
  - **Data analysis**: Use a proprietary learning analytics framework to interpret digital signals and generate insights.

Proactive AI agents that support academic performance and engagement.

Pedagogical support

AI Tutor

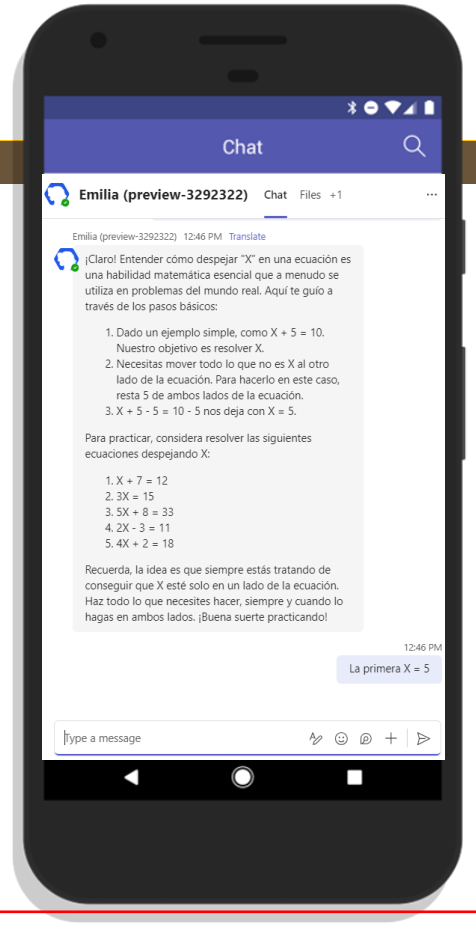
For more info: Learning Analytics

Powered by Data, driven by AI.

Augmented Learning
Learning Buddy
24-hour personalized academic support.

Learning Buddy is an artificial intelligence solution that offers personalized and continuous academic assistance in various subjects, helping students close knowledge gaps and master the most important topics.

- Impact:
  - **Ongoing academic support:** It provides one-on-one assistance in key subjects such as mathematics, physics, and chemistry.
  - **Closing knowledge gaps:** It helps students better understand concepts and improve their academic performance.
  - **Increased self-efficacy:** It provides timely and relevant support, which increases students' confidence in their abilities.
  - **Performance Improvement:** It facilitates understanding of difficult topics and promotes academic success.
- It uses machine learning models trained on a knowledge base of university courses and content. Provide real-time answers and support to students, by:
  - **Personalized assistance:** It offers help in specific subjects based on the needs of each student.
  - **Pedagogical responses:** Generate answers to academic questions with a pedagogical approach.
  - **Material recommendation:** Suggest additional materials and resources to reinforce learning.



"... Personalization has the power to bring the performance of most students to the level of the top 2-3% of their reference group.."

Benjamin Bloom

Proactive AI agents that support academic performance and engagement.

Pedagogical support

AI Tutor