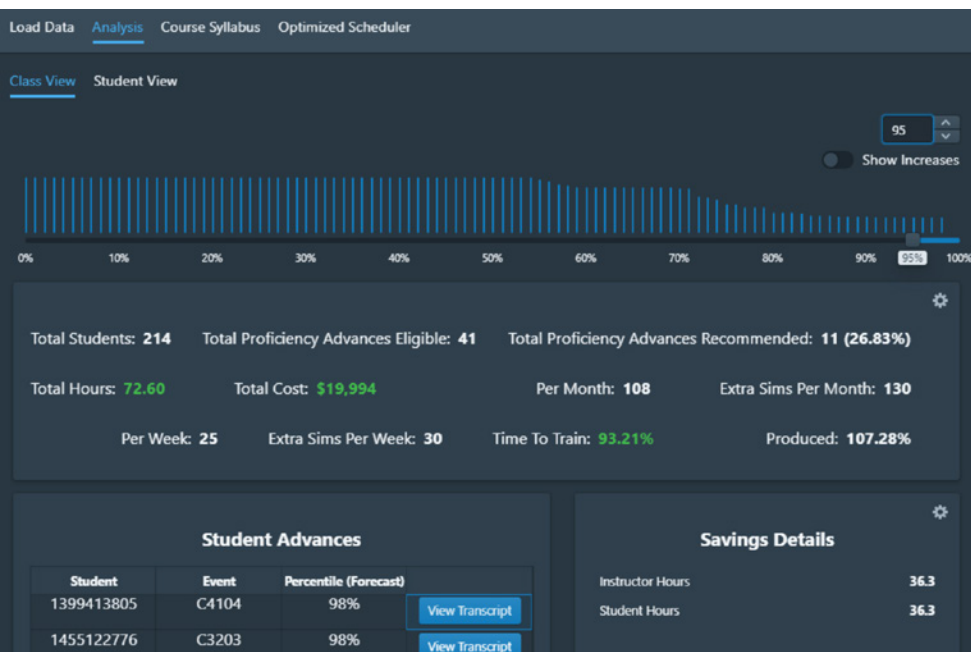# OPTIMIZING SCHEDULER

Medical advancements on an individualized timeline

One-size-fits-all training programs can waste time and resources when all students have to follow the same learning path. Our Optimizing Scheduler increases training program effectiveness by accelerating student throughput, saving classroom or simulation time, and reducing training costs—all while maintaining training quality.

The Optimizing Scheduler ingests and analyzes training data to provide evidence-based recommendations about the best sequence of training events. Our scheduler algorithm simplifies complexity; it enables schedules to be created in seconds and allows for fine-tuning of operations as needed.

It also offers a proficiency advancement feature that assesses a student's skill levels across classes and training events to estimate the student's ability to advance within the program based on proficiency rather than the current syllabus's fixed timeline. With this feature, more proficient students can advance rapidly while others spend more time solidifying required skills.
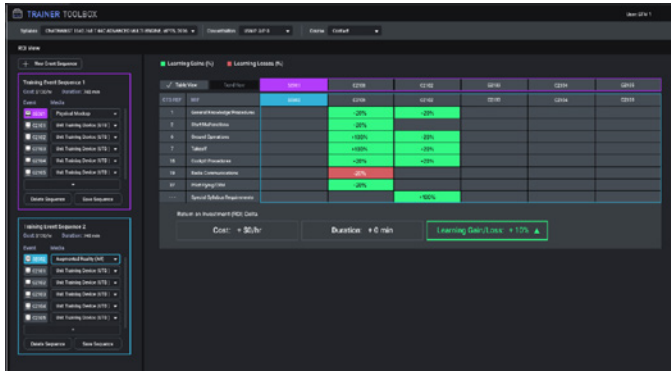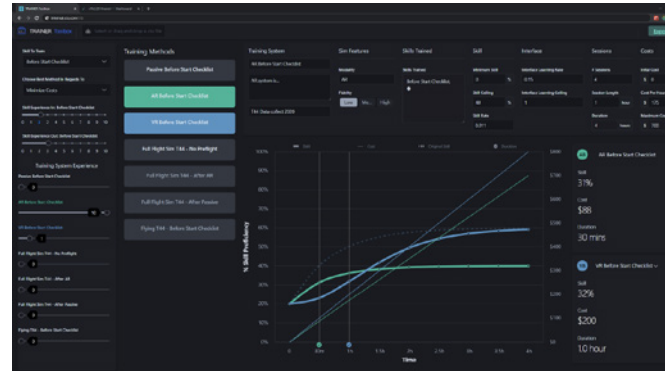

How it works
The Optimizing Scheduler

1 Automatically pulls students' schedules and event scores from learning management systems.

2 Recommends customized learning pathways, within different training modalities and learning types, based on demonstrated proficiency to avoid needless repetition of instruction and unnecessary expenses.

3 Evaluates combinations of students, instructors, and resources to create an organization-wide training schedule optimized for each individual's needs.

Intuitive analytics

The Optimizing Scheduler provides intuitive analytics, including reports and data visualization tools that allow users to analyze training data and make informed recommendations about their training program.

Optimize daily training schedule over time, resources, and constraints.

Assess training system ROI against simulation fidelity and other factors.

Key advantages

- The Optimizing Scheduler provides an evidence-based analysis that helps you optimize training sequences.

- An AI-powered analysis of your organization's data helps you identify current students who can advance in training.

- The Optimizing Scheduler is fully customizable, letting you make changes dynamically, in real time.

- The Optimizing Scheduler allows your organization to make wise, evidence-based investments in training systems to maximize ROI.

charles river analytics

Charles River Analytics brings foundational research to life, creating human-centered intelligent systems at the edge of what's possible, through deep partnerships with our customers.

For more information, contact

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