

Data Analytics for Education

AI Category

Tool Name

What It Does

How Tool Improves Student Outcomes

Real Time Analysis & Coaching

[Quillbot](#)

Uses natural language processing & machine learning algorithms to provide grammar & spell checkers, paraphrasing & summarization tools

Enhances students' writing & research abilities with cutting-edge AI, providing instant feedback to help them see improvement opportunities

[Speakable](#)

Creates auto-graded speaking activities in over 100 languages and provides automated personalized feedback

Increases the efficiency of language teaching and improves students' speaking skills by engaging them in practice & building their confidence

[SplashLearn](#)

Uses adaptive algorithms for game-based & curriculum-aligned learning experiences for math & reading

Personalizes the learning experience for each student by auto adjusting for difficulty, offering real-time customized feedback

[Duolingo For Schools](#)

Leverages AI & language science to adapt to the right level & pace for each student

Personalizes the language learning for each student, making it interactive & fun

[Kahn Academy](#)

Partners with ChatGPT-4 for its Khanmigo AI guide, & offers practice exercises, instructional videos in math, science, computing, history, art history, economics & more, including K-14, test preparation (SAT, Praxis, LSAT)

Offers learners ability to study at their own pace in & outside the classroom helping them master skills with personalized learning, resulting in increased engagement, motivation & achievement

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Real Time Analysis & Coaching

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[Zearn](#)

Runs on technology similar to Kahn Academy for its math platform & offers research-based curriculum, personalized & interactive instruction & real-time feedback.

Increases math proficiency by using a tailored approach to math instruction & curriculum

[Read Theory](#)

Uses adaptive technology that adjusts to each student's specific reading level

Improve students' reading comprehension with proven standards-aligned exercises for grades K-12

[Google's Practice Sets](#)

Integrates adaptive learning with real-time AI analysis & assessment, and transforms content into interactive assignments

Helps students reach their learning goals as they receive immediate personalized feedback, progress tracking, interactive assignments, autograding, performance insights, & assists educators with shaping lesson plans for customized learning

Searchable Classroom Lesson Transcripts

[Pickle AI](#)

Passively creates running & searchable speech-to-text transcripts of all classroom lessons and lectures. Condenses long transcripts into automated meeting summaries

Not a substitute for note taking but can help to ID gaps in notetaking or attention skills

Data Analytics

Automates Unifying, Cleaning, Organizing & Visualizing all Data

[Inzata](#)

Automates the process of combining, organizing & blending all school, teacher, student, district, state or any data from any source or file type so data can be quickly analyzed, and outcome-based dashboards can be built with no code or SQL required to use

Administrators, staff, teachers & parents can visualize any topic, from early warning intervention dashboards, to device management, staff satisfaction & retention to help them make the best decisions for student success. Dashboards are helpful not only at the student level, but for those in curriculum and administration

AI Category

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What It Does

How Tool Improves Student Outcomes

Student & Teacher Productivity

with Real-time Research Summation & Content Formatting

[Slides AI](#)

Converts long-form text articles into Google presentation slides and automatically adds headers & body content as well as images. Professional & engaging slides are auto generated quickly from any piece of text

Enables students to create presentations for assignments in seconds with little to no design skill

[Eightify AI](#)

Saves time on long videos by automatically & instantly providing a summary of the key ideas

Allows students to quickly analyze a brief summary to choose the most useful videos to watch, and facilitates quick understanding of key concepts for students, which improves learning efficiency

[TLDR This](#)

Instantly summarizes long text

Helps students digest main points thereby aiding them in studying, and assists educators in preparing content efficiently. Great for determining if a long piece is worth investing time in reading in its entirety

[eBud](#)

Uses AI to understand an educator's intent to instantly generate quizzes, worksheets, learning games & assignments. Integrates with school systems, curriculum-aligned & grade-appropriate

Helps educators prep for lessons in seconds with customized learning styles that adapt to student needs. Frees up time to focus on what matters most to students

AI For Experiential, Immersive Learning

Generated Content For More Immersive Learning

[Midjourney](#)

Converts simple text prompts into rich, multimedia content (images and videos). Generates a variety of art forms, from realistic to abstract styles

Enables students to engage visually with topics and helps them create images for class projects & assignments, while educators can use it to develop visual aids for classroom materials

AI Category	Tool Name	What It Does	How Tool Improves Student Outcomes
<p>AI For Experiential, Immersive Learning</p> <p>Generated Content For More Immersive Learning</p>	<p>Khanmigo</p>	<p>Partners with ChatGPT-4 as an AI guide & can replicate speech patterns, style & diction of real & fictional historical or literary characters</p>	<p>Allows students to chat live with figures from history or literature, fosters thinking skills, encourages self-discovery by challenging students to explain how they arrived at solutions. Provides personalized tutoring, feedback & support through machine learning algorithms</p>
	<p>ChatGPT</p>	<p>Engages in human-like conversations, generates human-like text, translates between languages & is a powerful language model</p>	<p>Presents content in a multitude of unique ways including historic and literary styles. Helps students create learning experiences that are more immersive than reading text on a page</p>

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