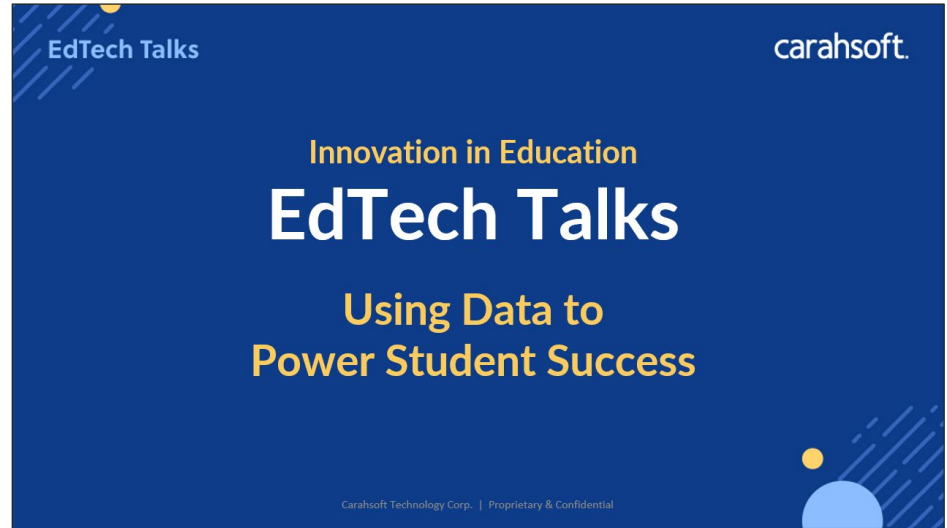


Using Data to Power Student Success

EdTech Talks Day 2



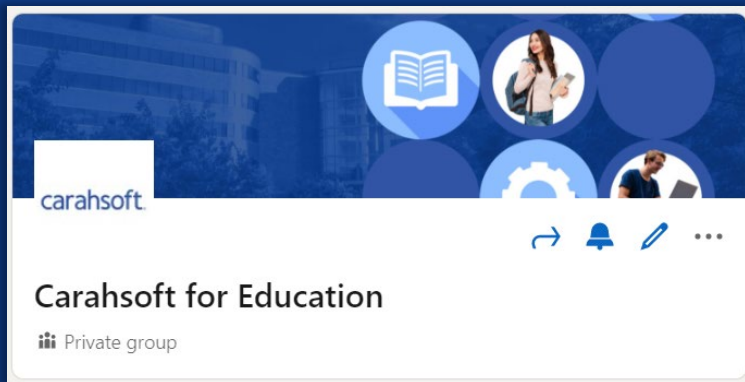
Innovation in Education

EdTech Talks

Using Data to
Power Student Success

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Subscribe today for the latest news, events and resources from our industry-leading EdTech portfolio to identify the best-fit solution for your IT needs.



carah.io/Carahsoft4Education

Featured Thought Leaders



Jesus Trujillo Gomez,
*Strategic Business Executive,
Education & Research,
Google Cloud*



Kate Parker
*Vice President, Higher Ed
Content Services,
LearningMate*



Angela Vann
*Learning Design
Strategist,
LearningMate*

Using Data to Power Student Success

Learn how Google Cloud and LearningMate help K-12 and Higher Ed organizations transform their approach to designing and implementing student-centered learning experiences at scale. Our experts will discuss the power of scaffolding to student success, learner-specific insights, and the one thing you can focus on today to drive learner engagement.





Powering Student Success



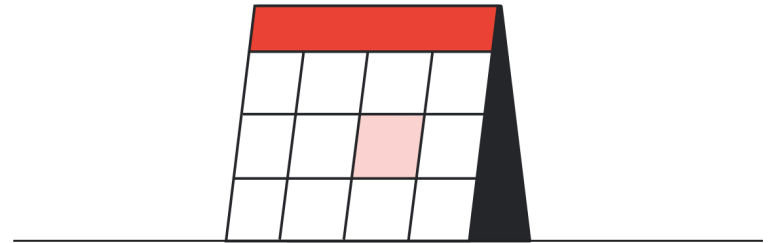
Jesus Trujillo Gomez
Google Cloud

Kate Parker
LearningMate

Angela Vann
LearningMate

Agenda

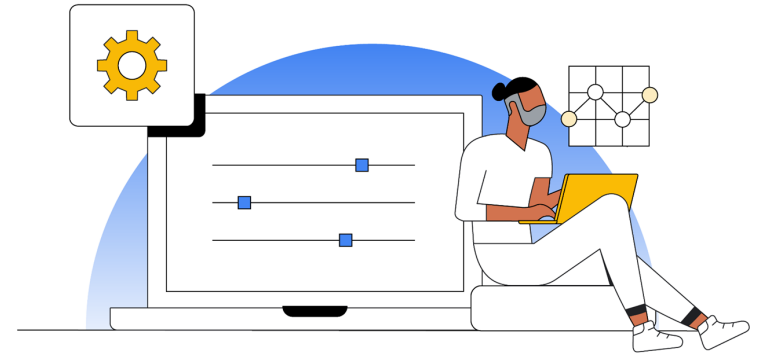
01. Key Trend 1: Learning Loss
02. Key Trend 2: Supporting new types of learners
03. How to collaborate with us



Poll:

Where are you in your journey to modernize / enhance the student experience?

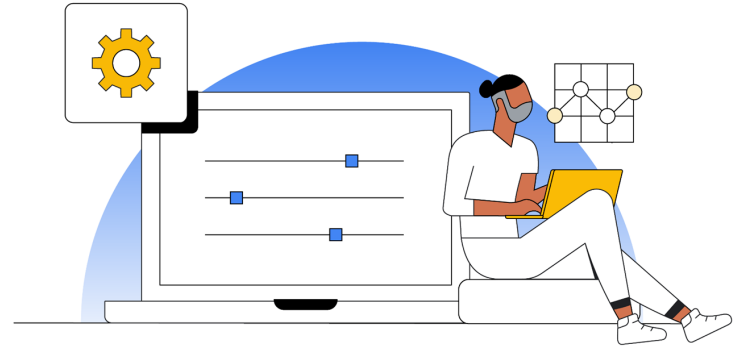
- A. We are fully implemented
- B. It's on our organization's roadmap
- C. We're actively evaluating new solutions
- D. We are not looking for new solutions at this time



Poll:

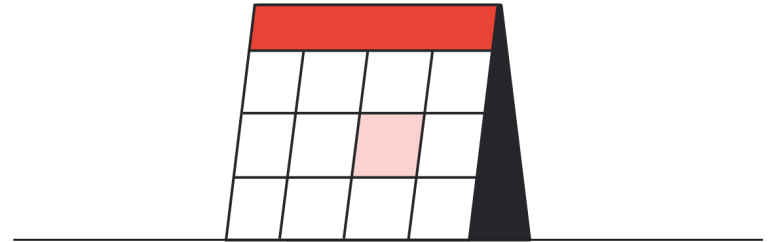
What challenges are you facing when looking to modernize / improve the student experience?

- A. Where to start
- B. Who to include
- C. What to measure
- D. How to secure funding



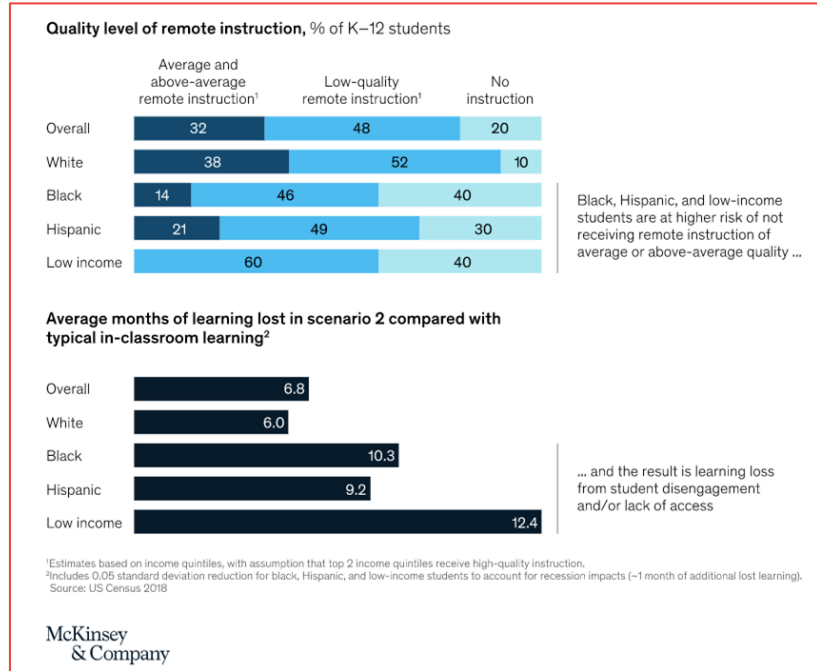
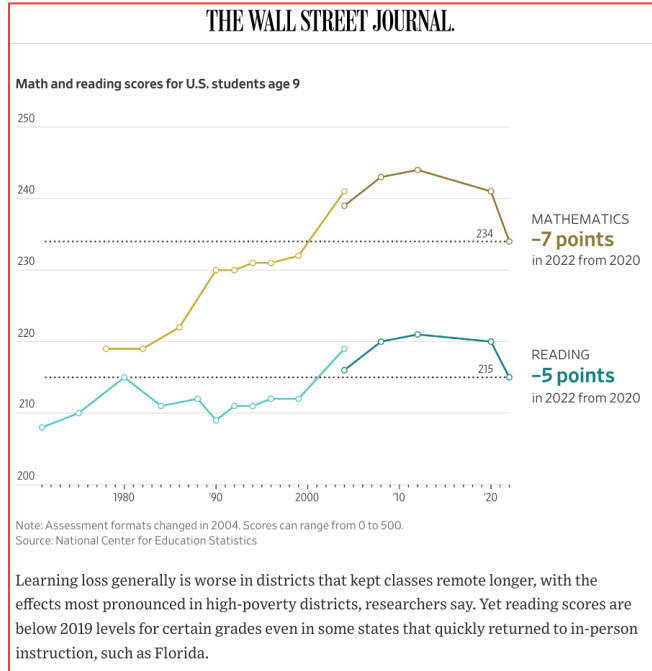
Agenda

01. Key Trend 1: Learning Loss
02. Key Trend 2: Supporting new types of learners
03. How to collaborate with us



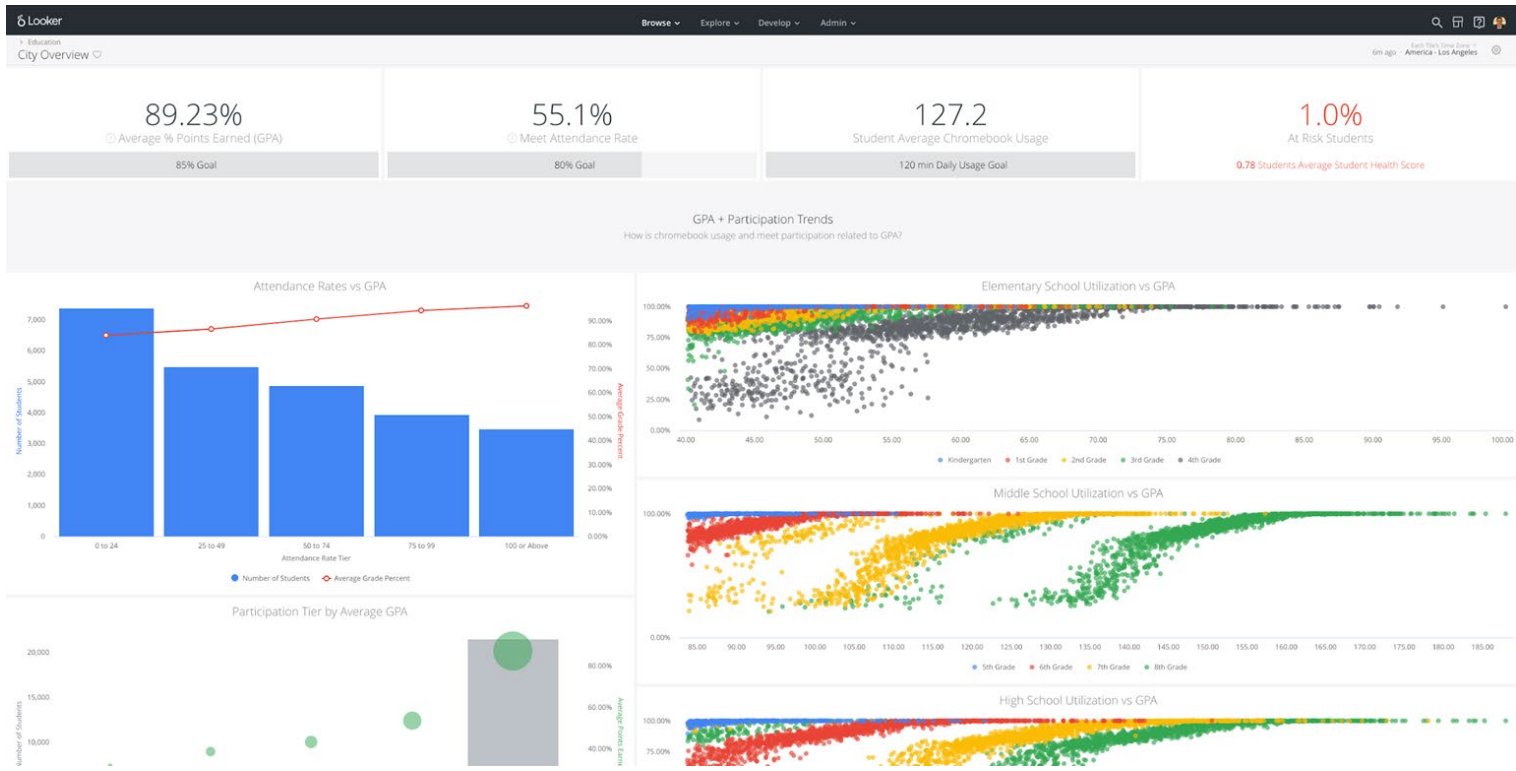
Learning Loss post - pandemic: erased two decades of progress in math and reading.

Increasing the variability of learners and impact on minorities



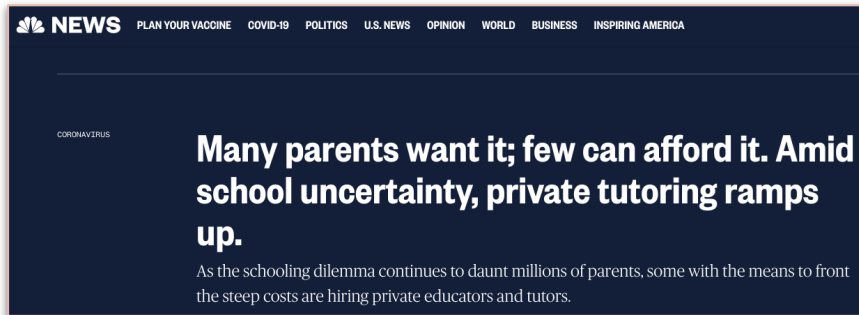
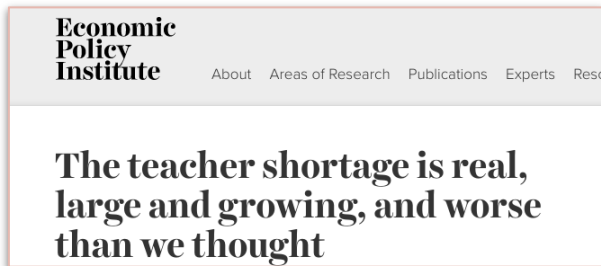
Learning Loss post-pandemic

Technology to proactively address quality of hybrid education across all types of learners



Teacher Shortage

We need to help them to scale by removing taxing tasks



40 out of 50

US States struggle with teacher shortage

Interactive Tutoring to help professors to scale

Automating taxing tasks to help professors focus on teaching

53%

Of the Teaching Task time is spend in creating and grading assignments ¹

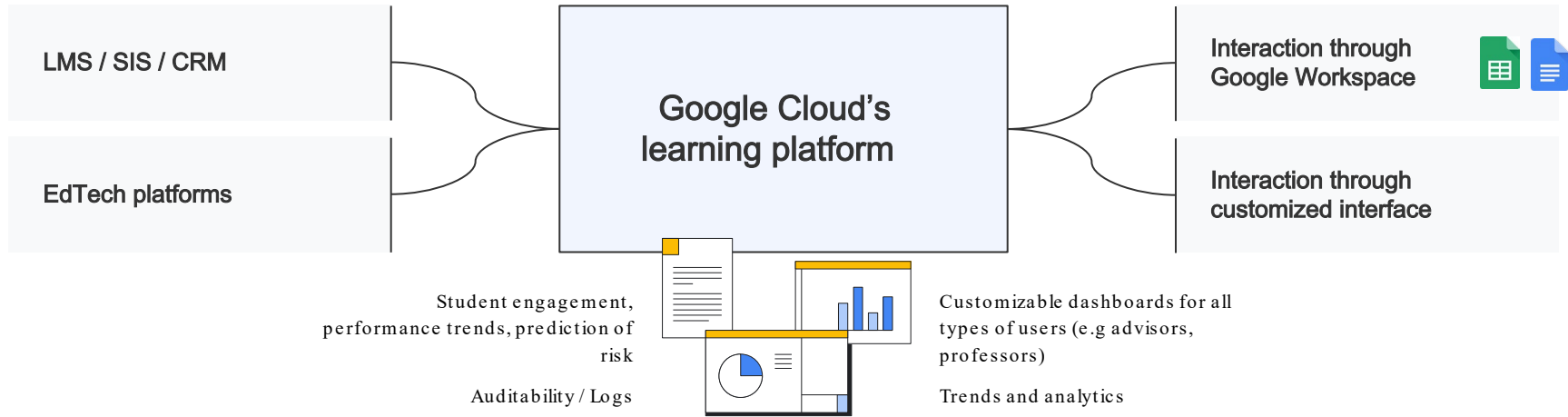
2hr/day

Professors can invest more time with the student if we automate grading for them

Estimated Faculty Time Investment for Teaching Tasks

Teaching Tasks	Time Percentage per Week		Mean Hours: Week	Mean Hours: Course
	Mean	Standard Deviation		
Grading papers and assignments	36.93%	18.42	14.77	3.69
Facilitating general discussion threads	14.73%	12.49	5.89	1.47
Grading discussion threads	8.74%	7.26	3.50	0.88
Initiating one-on-one contact with students	8.6%	6.86	3.44	0.86
Answering phone calls	7.78%	6.16	3.11	0.78
Answering emails	7.25%	5.46	2.90	0.73
Creating content-based resources for the classroom	3.59%	3.96	1.44	0.36
Course management and administration	3.35%	4.26	1.34	0.34
Collaborating with your teaching peers	3.28%	4.27	1.31	0.33
Creating how-to/instructional resources for the classroom	3.07%	4.03	1.23	0.31
Facilitating "questions for instructor" discussion thread	2.97%	4.13	1.19	0.30
Professional development related to your academic discipline	2.86%	4.91	1.14	0.29
Dealing with technical issues	2.19%	2.92	0.88	0.22
Professional development related to online teaching strategies	1.94%	3.07	0.78	0.20
Conducting research	1.08%	2.03	0.43	0.11
Other	1.06%	4.32	0.42	0.11
Committee work	1.05%	2.49	0.42	0.11

An interactive tutor built with our learning platform



Accelerate the creation of content to scale existing courses or launch new programs (e.g online)



Provide real-time assisted learning support, 24/7 in more than +20 languages



Integrate with Google Workspace or with your customized GUI interface to embrace adoption and collaboration



Suggest content and additional courses to augment student learning and close potential educational gaps.



Debra Anderson

All for Love

Nora from Henrik Ibsen's "A Doll's House" and Arthur from "On Tidy Endings" are very similar in nature. They are from two different worlds, living two very different lives, yet it is their devotion to the ones they love that make them very much the same person. The love they have for their life partner's led them down an unsuspecting path which would fill their lives with happiness and a lot of heartache. The decisions they make along the way were very different from each other, but behind them lay the same intentions; everything they did they did for the people they loved. With these decisions came consequences and this helped develop who they would become. Comparing these two characters we find conflict in their methods but justification in their reasoning and the paths they decided to follow.

Nora is a character living in the late 1800's, in era when women were thought to be weak and incapable of survival without the guidance of man. She plays the part and adjusts her



Interactive tutor

2:24 PM Today

Resolve

Let's check the main thesis of this essay. In your introduction can you identify the main thesis? Highlight the sentence and click 'next'.

Proven technology to augment tutoring and academic outcomes

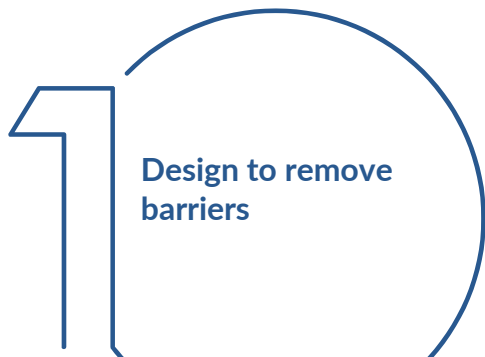


Uses Google Cloud's learning platform to **gain insights about learners and what motivates them**. Students can see **auto-generated and personalized recommendations for courses and peer groups** based on their prior learning, interests and career goals.



“Standardization is limiting,” Dr. David Vroonland, Mesquite ISD's Superintendent of Schools. Mesquite ISD created AYO to **provide holistic overviews of students' learning styles and predict the teaching styles that are the best fit for students' unique abilities**.

LearningMate leverages subject matter expertise



Design to remove barriers

- Equity and Accessibility
- Cultural Relevance and Responsiveness
- Inclusion and Representation
- Plain Language
- Bias and Sensitivity



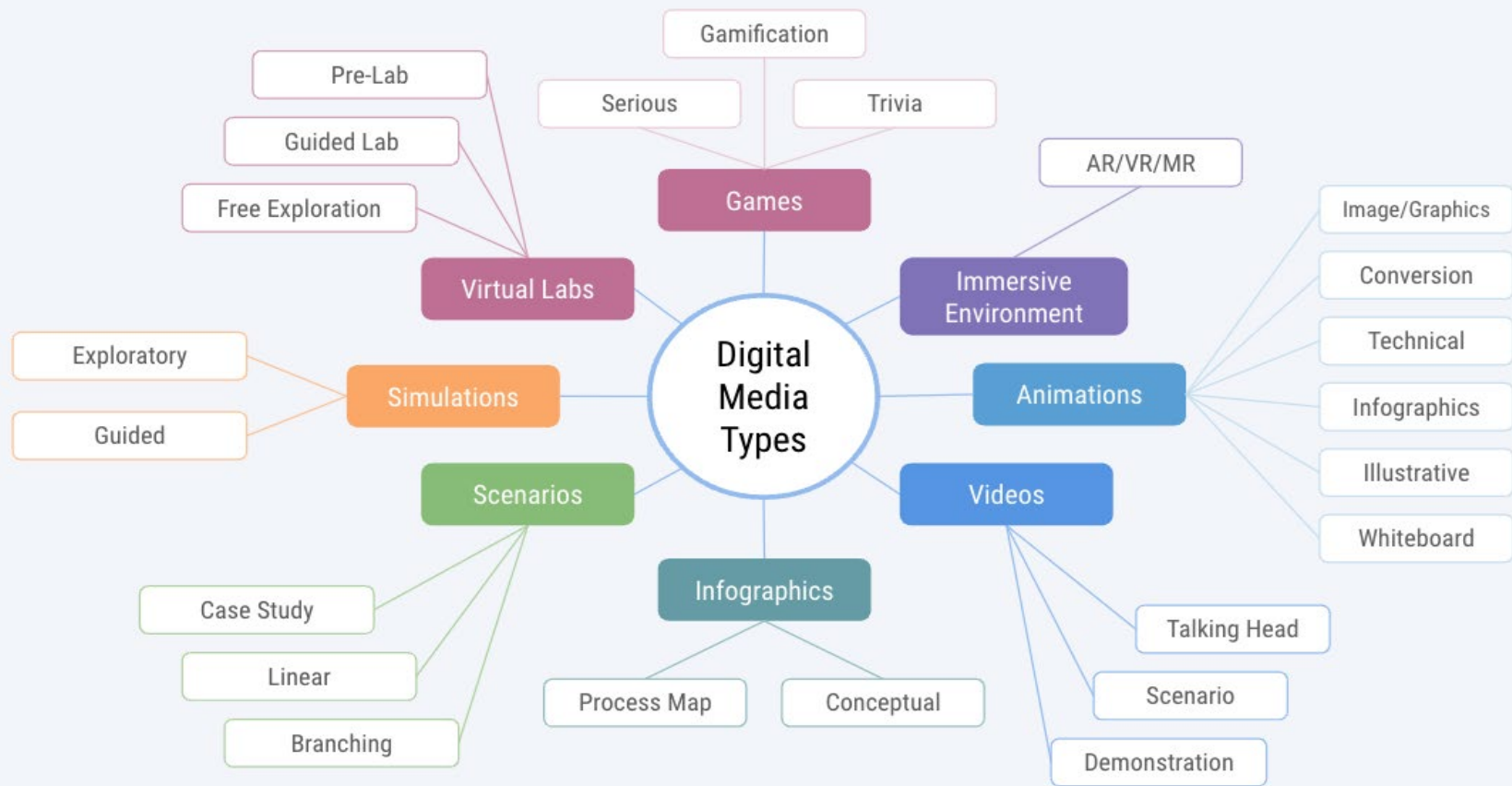
Design for learner success

- Relevant examples
- Authentic assessments
- Workforce-relevant projects
- Instructional supports for educators



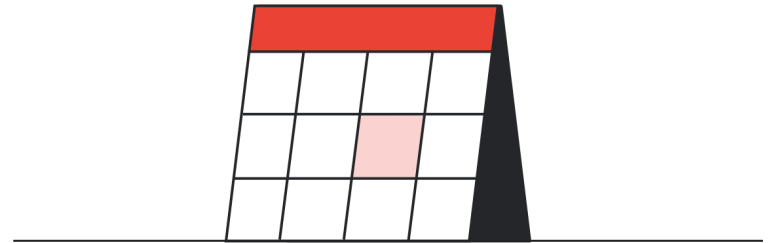
Design with choice in mind

- Learner-centric
- Expanded course catalog
- Digital Media



Agenda

01. Key Trend 1: Learning Loss
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We're all becoming continuous learners

Traditional academic systems and processes struggle to scale

1.3 billion

people have competencies
misaligned with the work they
perform ¹

81%

Business Leaders plan to rise
employee certification in professional
training to recycle corporate skills ¹

3x

Faster growth in **Micro -credentials**
than traditional programs ²

Why we can't do it today

Operational inefficiencies and siloed environments that impede personalized experience at scale



Skills & Competencies management



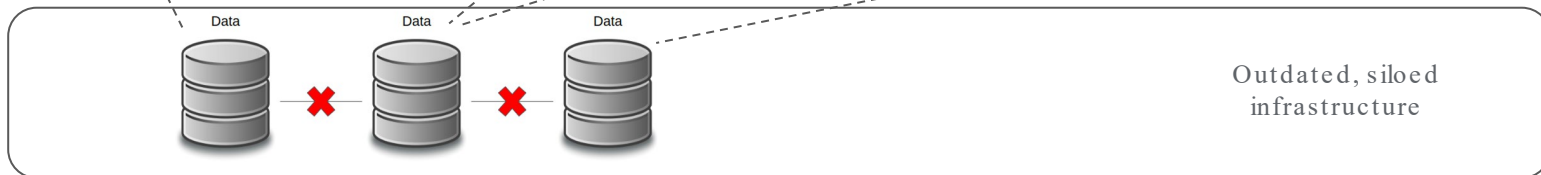
Curriculum management & delivery



Learning Content Management

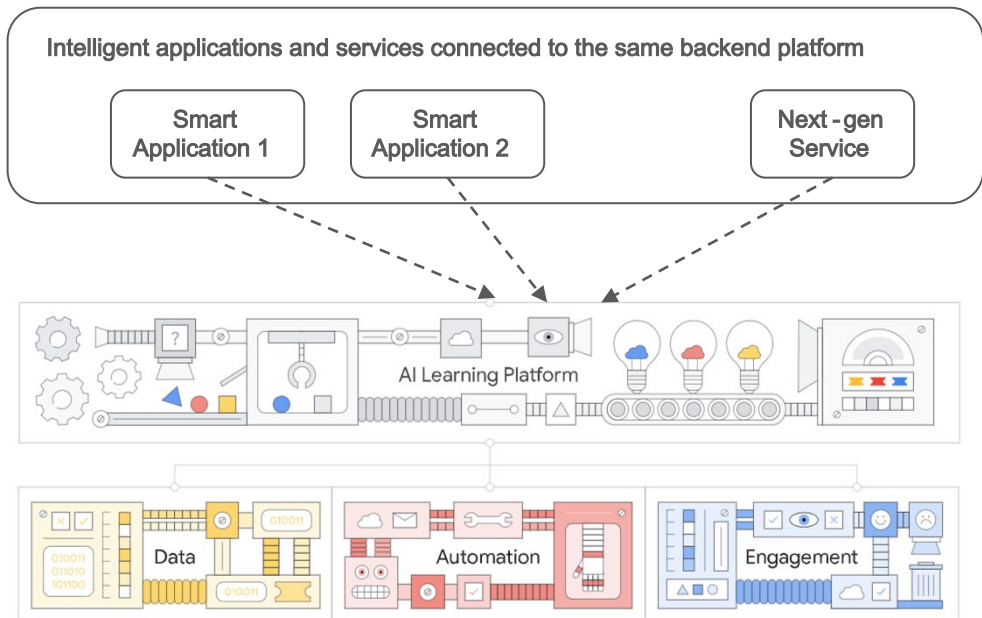


Job Market requirements management



A foundational platform for the future of education

Build next -generation applications and services much more effectively



TCO savings through automation of redundant processes and depreciation of unnecessary systems.

Modernizing the creation and delivery of content to adapt to shifts in needs and preferences

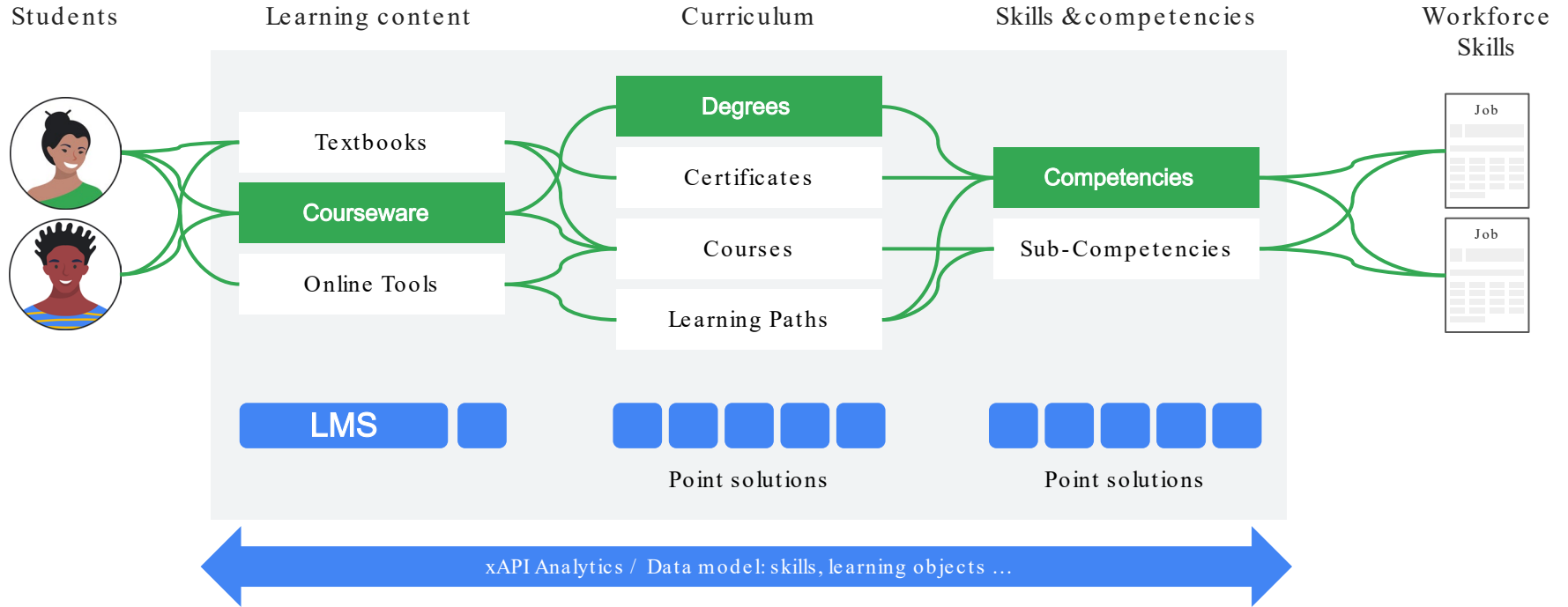
Personalized experience for everyone, at scale and multi-channel

Connecting EDU pathways to the job market much more effectively

That bridges silos to provide a modernized experience

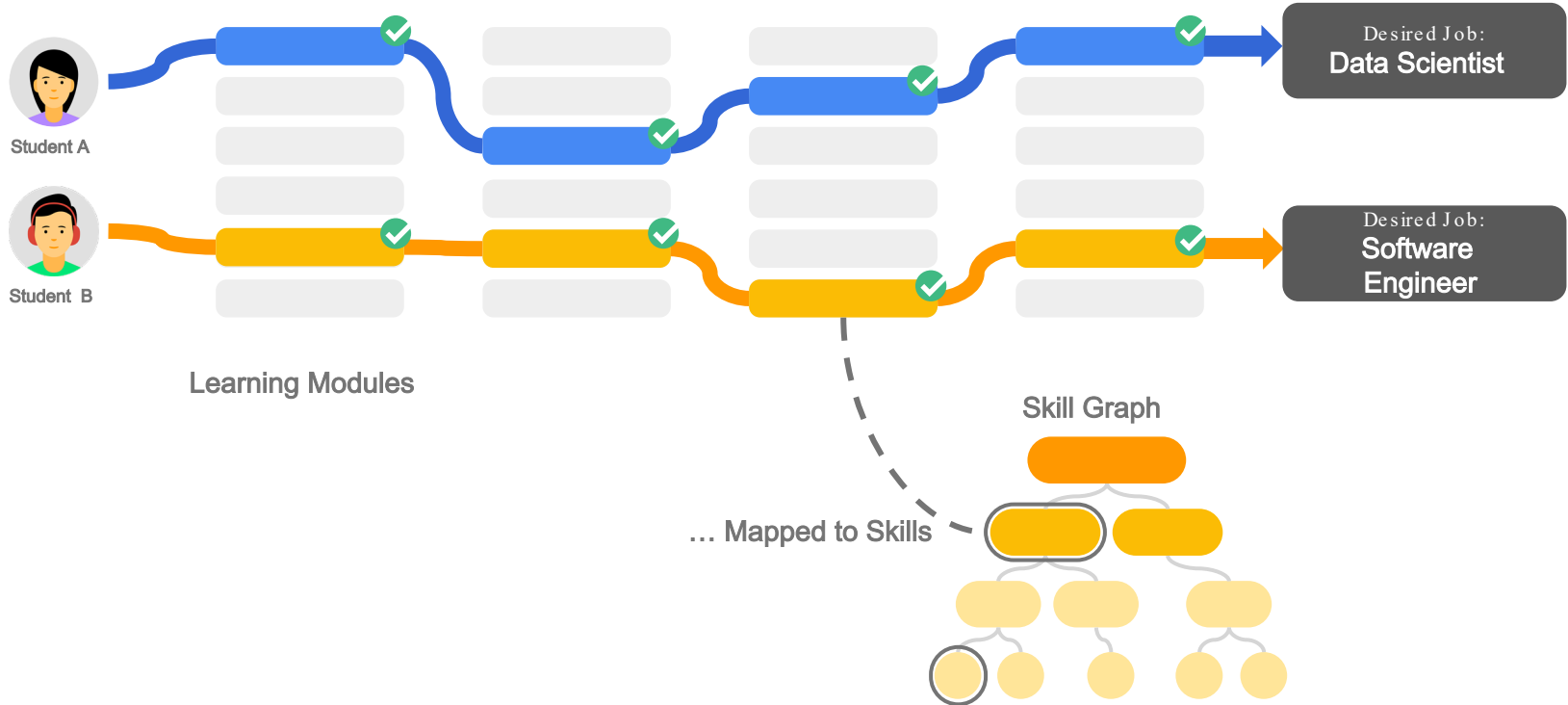
Interoperability of educational data and academic systems, powered by best

-in-class data analytics & AI



Moving to a Learner -Centric academic model

Personalized and Flexible Learning Path for all type of learners



A proven solution for all types of institutions

Transforming academic operations while maintaining institutional DNA



News Release

U of M announces NXT GEN MED: A groundbreaking partnership to re- envision health care education with support from Google Cloud and Mayo Clinic

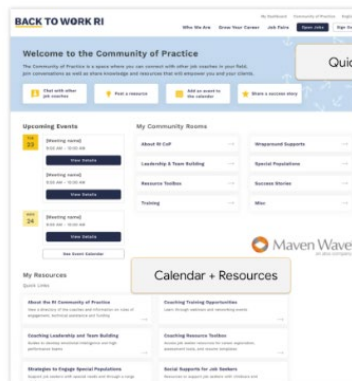
February 12, 2021



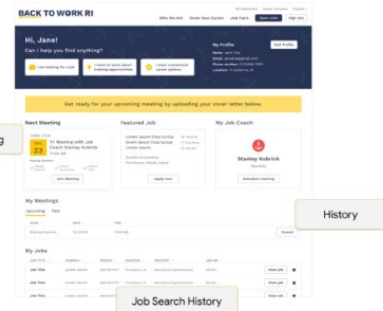
The University of Minnesota today unveiled NXT GEN MED, a unique and innovative partnership between the University and Google Cloud that will combine world-class technology, research and immersive learning approaches for students pursuing health care careers.

How Rhode Island created a virtual career center

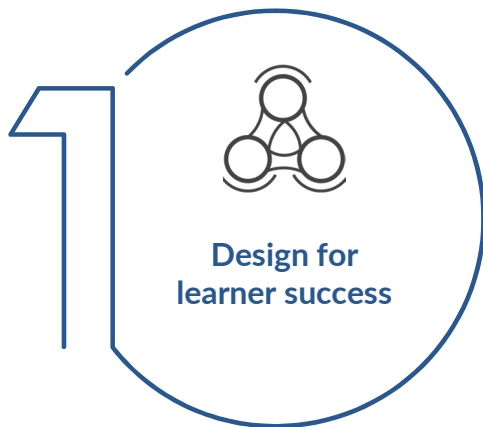
Rhode Island Job Coach Page



Rhode Island Job Seeker Dashboard



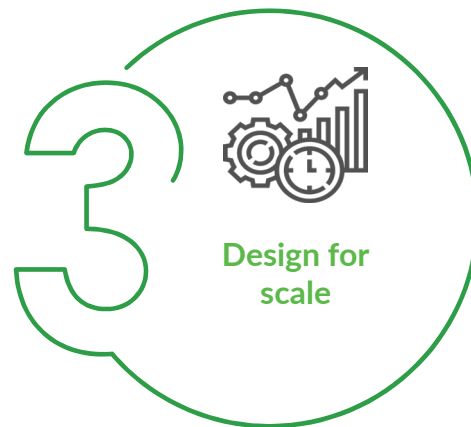
LearningMate enables student - centered learning at scale



You want learners to persist and succeed. We align assessments and learning experiences to competencies, outcomes and skills. All work is accessible and inclusive.



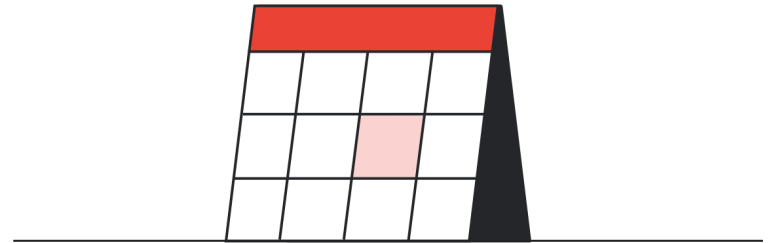
You want to measure learning and engagement. Our design enables you to leverage analytics to power data-driven decision making.



You want to make your offerings available to learners as quickly as possible. We leverage efficient design and development technologies, processes, and teams.

Agenda

01. Key Trend 1: Learning Loss
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Next steps - <https://cloud.google.com/contact>

01

[Contact us](#) to schedule
an initial discovery call
to discover the potential
that can be unlocked
working with us

02

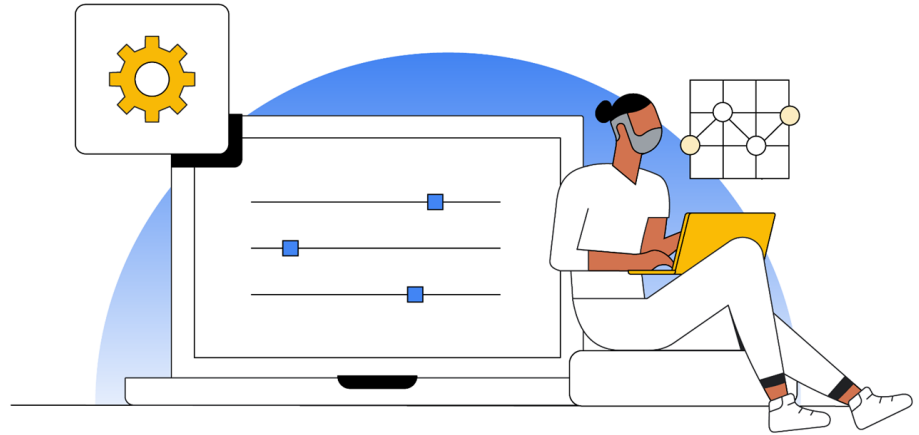
Journey Workshop where
we will work with your
groups to determine the
right staged implementation
for your institution

03

Achieve quick wins you can
build on to ensure the
maximum ROI and flexibility
in your own journey to
assure a sustainable success

Or, visit us at EDUCAUSE next week!

Thank you



Thank you for attending EdTech Talks Day 2! As schools of all levels implement a structured approach to hybrid learning, Carahsoft offers a broad array of IT solutions for educational institutions to enable a seamless and secure distance learning experience for students, parents and educators alike.

To learn how to take the next step toward acquiring Carahsoft's EdTech solutions, please check out the following resources and information:



For additional resources:

[carah.io/EdTechTalksResources](https://www.carahsoft.com/EdTechTalksResources)



To purchase, check out the contract vehicles available for procurement:

<https://www.carahsoft.com/buy#education>



For upcoming events:

[carah.io/EdTech](https://www.carahsoft.com/EdTech)



To set up a meeting:

tim.boltz@carahsoft.com or 703.230.7402