CLICKS
Center for Learning Innovations & Customized Knowledge Solutions

MEDAD

Online Learning Best Practices Adoption After COVID – Adaptive Learning

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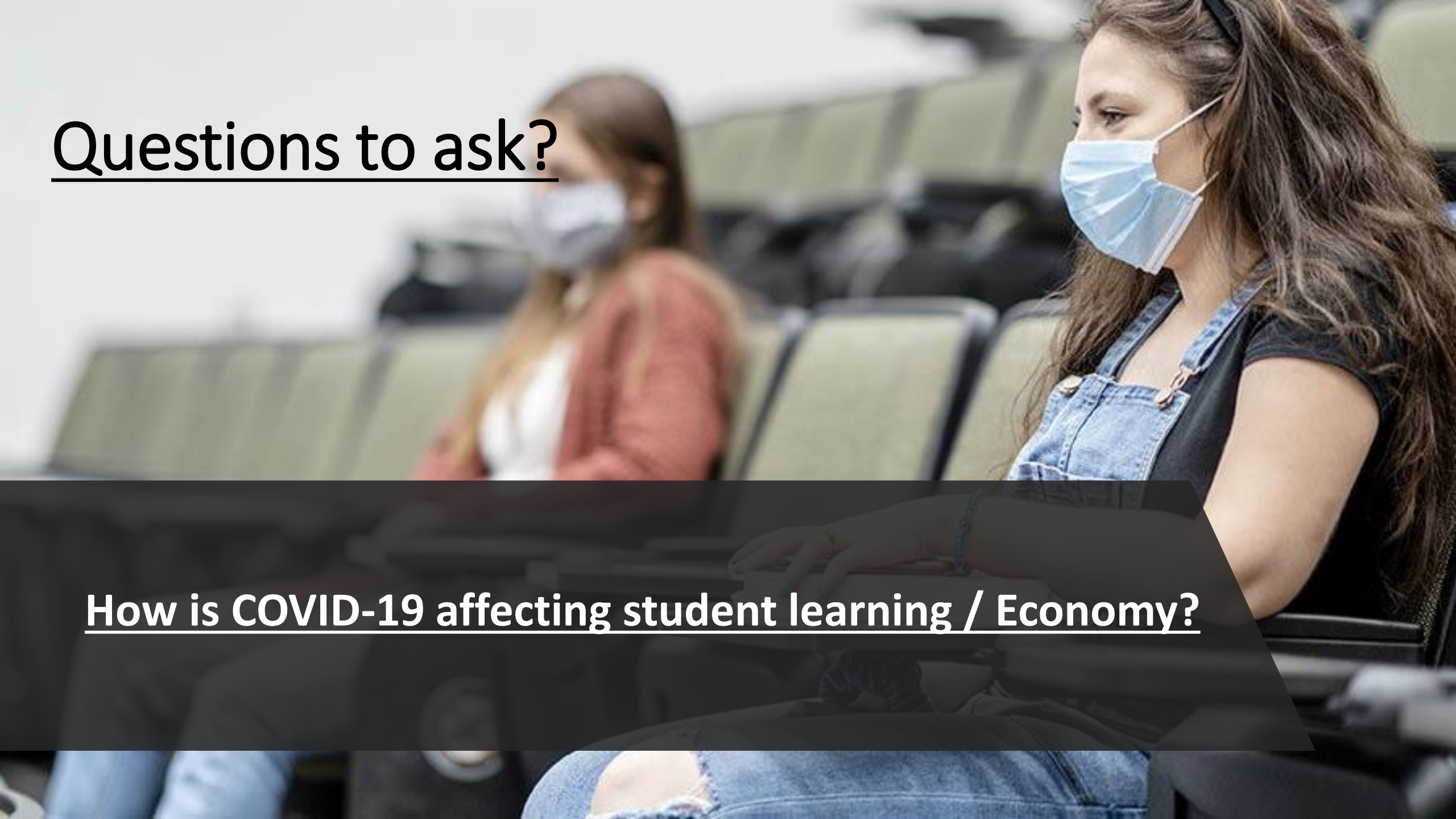
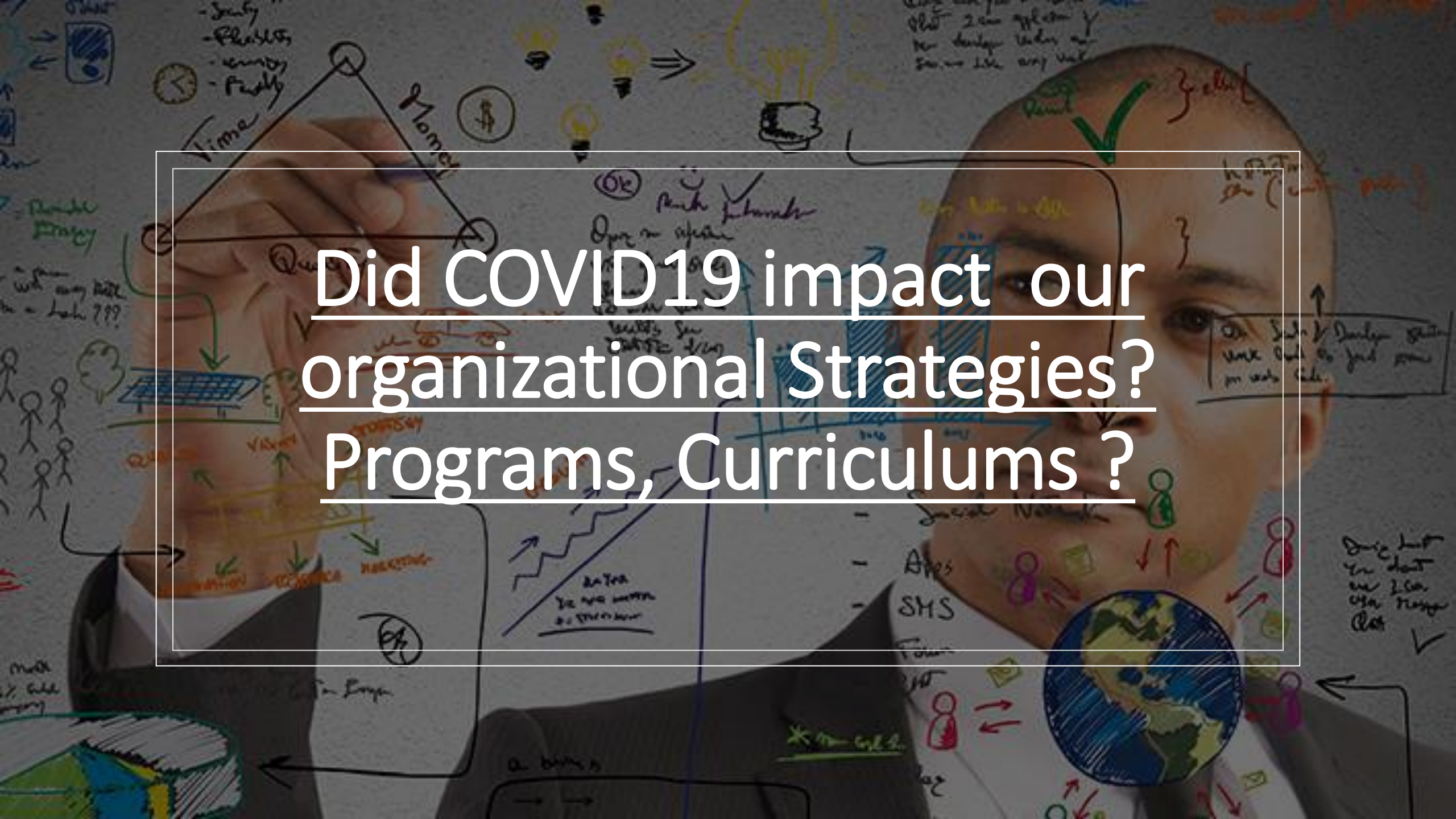
Education Presales Manager

23/3/2022

Questions to ask?



How is COVID-19 affecting student learning / Economy?


Did COVID19 impact our organizational Strategies? Programs, Curriculums ?

How is COVID19 evolving the digital transformation process in our organization?

How the future of educational systems would look like in 2035?

Course Readiness

Type of Curriculum - Programs

Technology Readiness

#of Students in Programs

Do we have a learning opportunities equity using e-learning platforms ?

Instructors Readiness

Student Readiness

eLearning Platform Readiness

Learning Styles

psychological preparation

Parents Interactions

The Alarm

A Path to Recovery Report (produced jointly by UNESCO, UNICEF, and the World Bank),

This generation of students now risks losing $17 trillion in lifetime earnings in present value, or about 14 % of today's global GDP, because of COVID-19-related school closures and economic shocks

WORLD ECONOMIC FORUM

TOP 10 IT ISSUES, 2022

The Higher Education We Deserve

The EDUCAUSE 2022 Top 10 IT Issues describe how technology can help create the higher education we deserve through shared vision and sustainability, anchored by a central focus on student success.

The Sustainable Business Model

1. Cyber Everywhere! Are We Prepared?
5. The Digital versus Brick-and-Mortar Balancing Game
8. Weathering the Shift to the Cloud
9. Can We Learn from a Crisis?

Student Success as Institutional Success

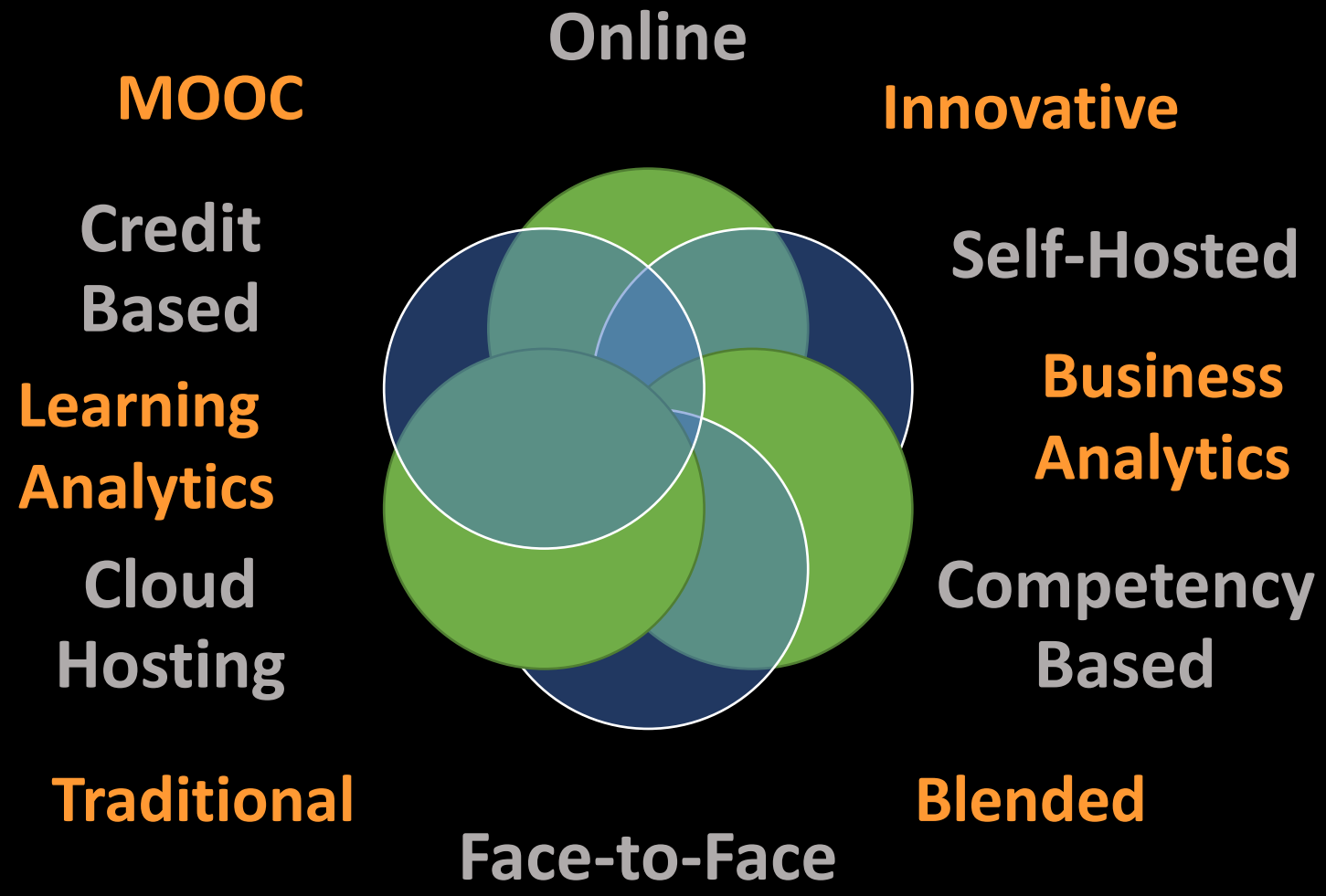
3. Digital Faculty for a Digital Future
4. Learning from COVID-19 to Build a Better Future
6. From Digital Scarcity to Digital Abundance
10. Radical Creativity

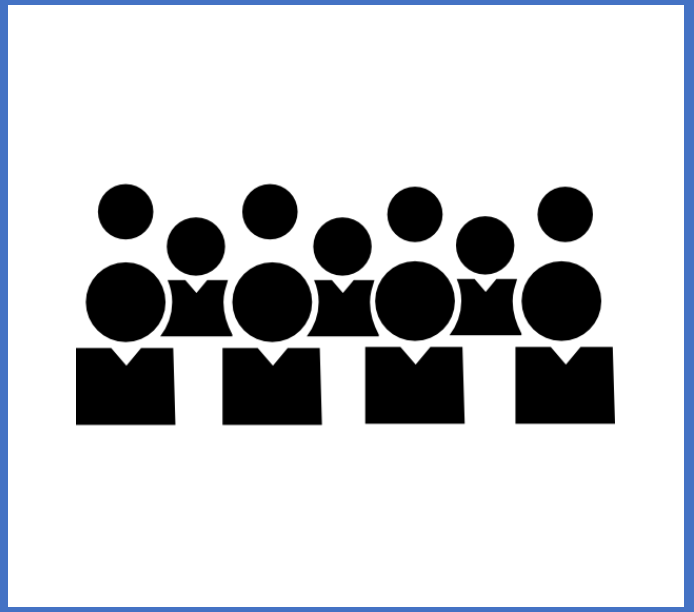
Shared Vision, Shared Strategy

2. Evolve or Become Extinct
7. The Shrinking World of Higher Education or an Expanded Opportunity?

EDUCAUSE Top 10 IT Issues at https://www.educause.edu/2022Issues

What is the Right Balance for Your University?





Who Needs E-Learning Standards and Best Practices?

E-Learning Standards Classification

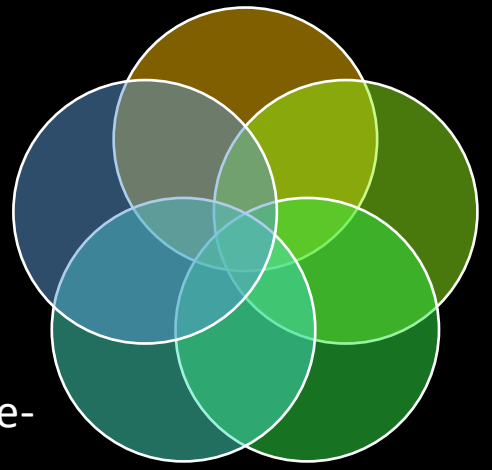
- The criteria matrix can be categorized based on different bases depending on the specific objective of each criteria, and can be categorized as follows:
  - Standards Built for the target entity or sector
  - Standards built for e-learning systems
  - Standards built for designing eLearning courses
  - Standards built for teaching staff duties.
  - Standards built for programs offered via e-learning.
  - Standards built for e-Assessment, measurement and evaluation programs
  - Standards related to students' interactions.

Some Global Institutions who regulates eLearning Practices

Institutional Standards

The institution’s strategic and operational plan for its e-learning system

Internal development standards and continuous development plans

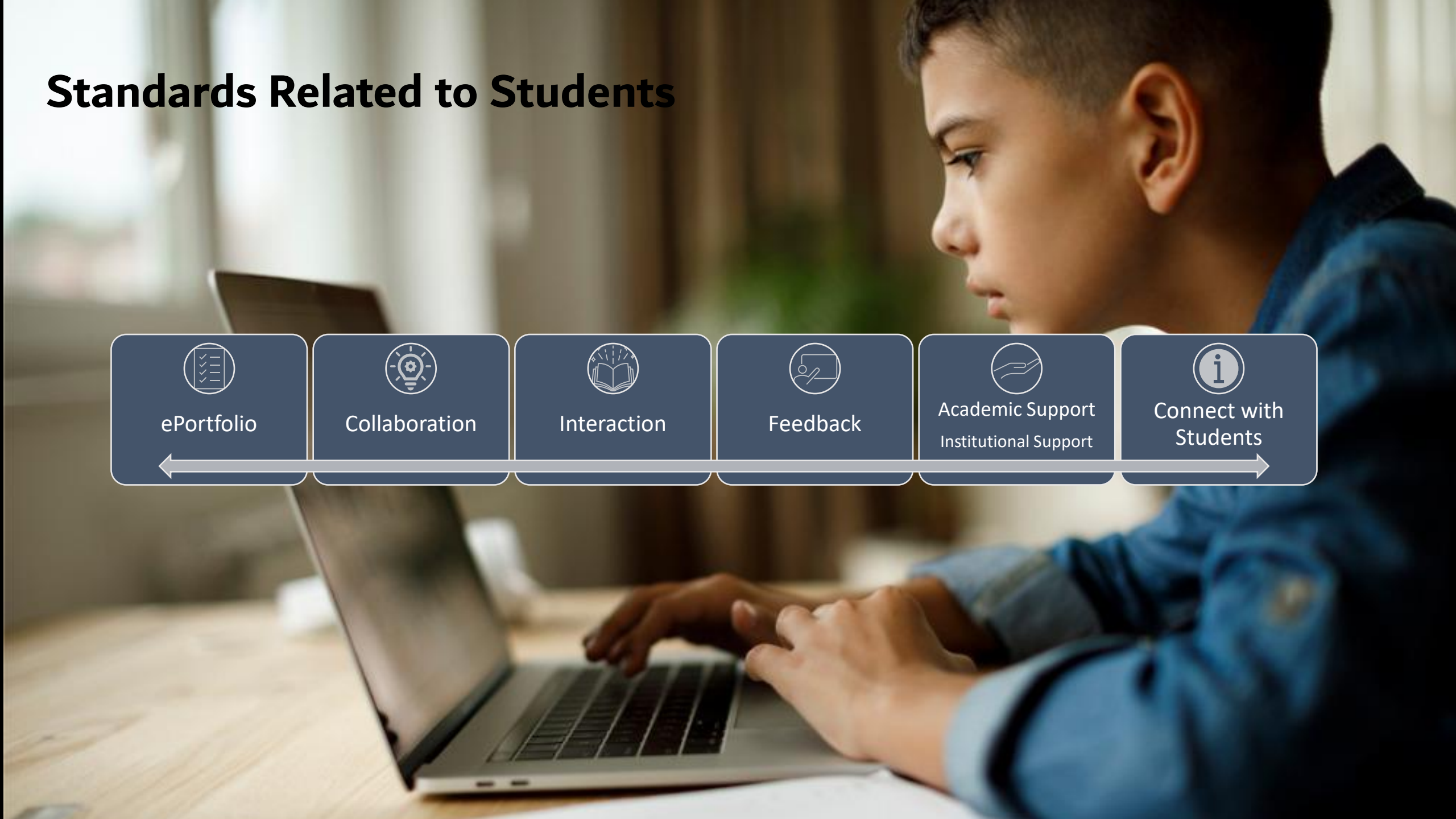


The institution's policies and their alignment with general government requirements

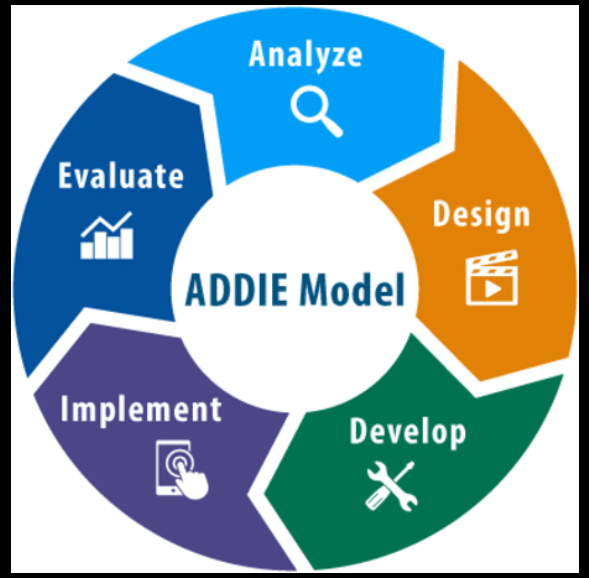
Quality in the implementation of e-learning programs

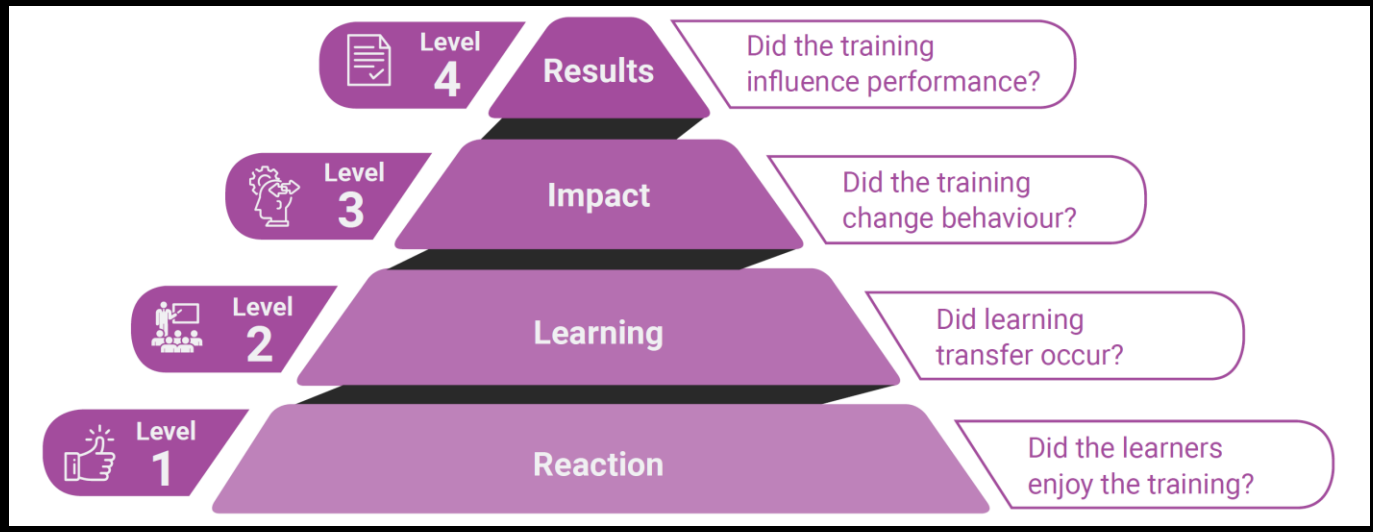
The structure of responsibilities in the institution and the powers granted to decision-makers

Standards Related to Students



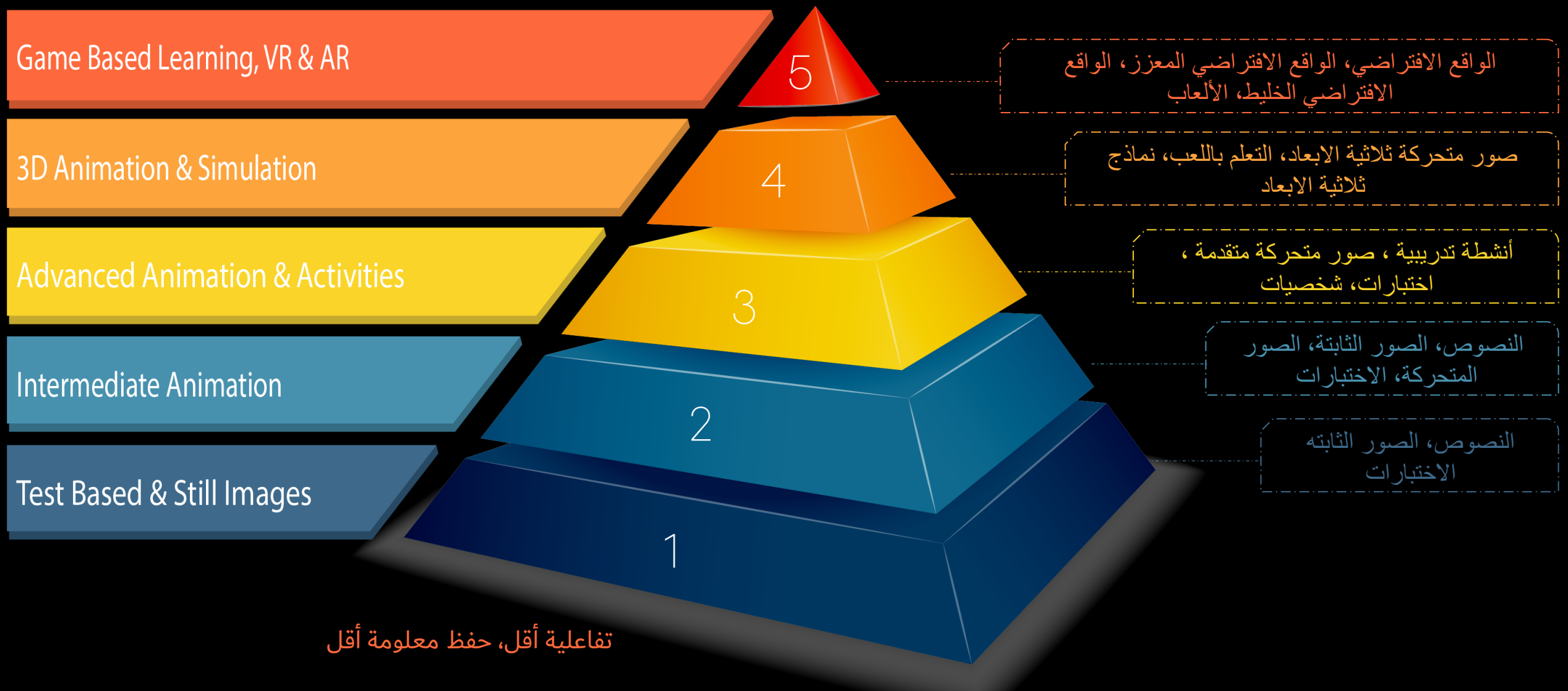
eCourses Development Standards





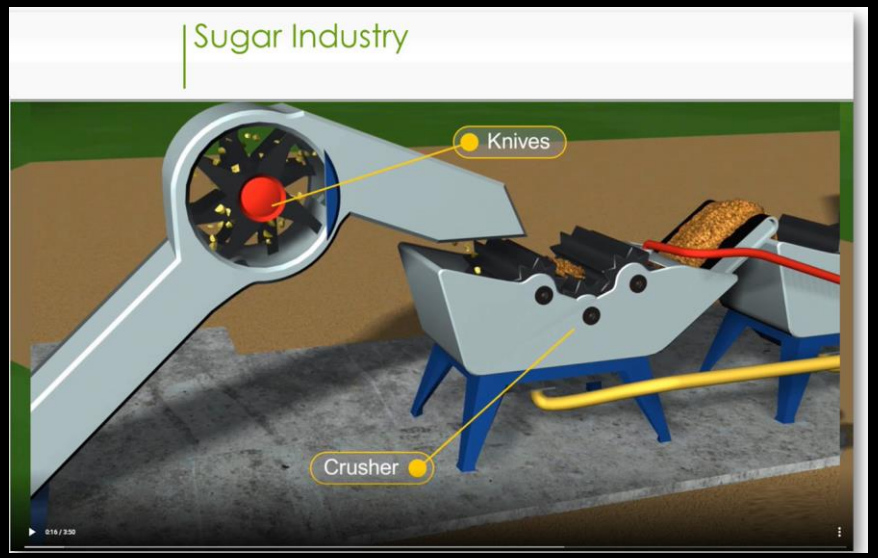
Designing an engaging course

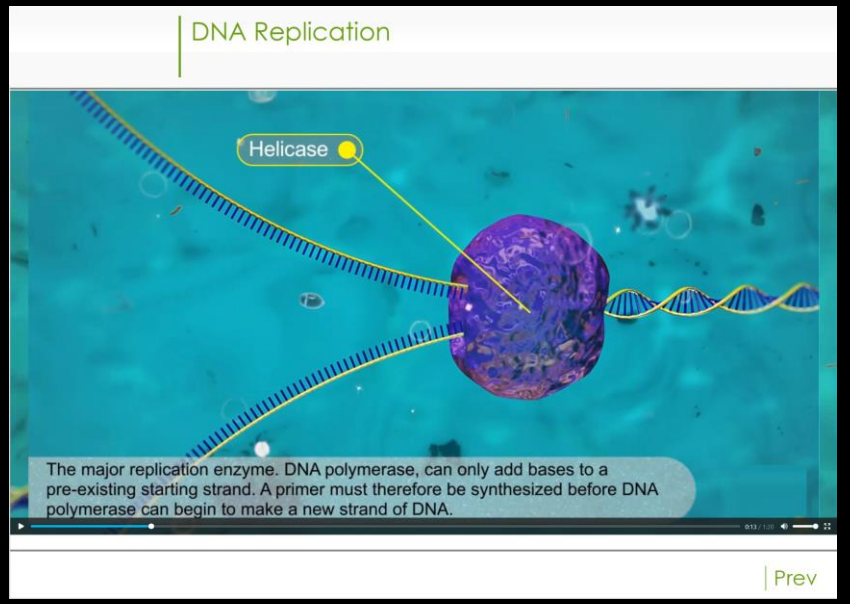
تفاعلية أكثر، حفظ معلومة اكثر

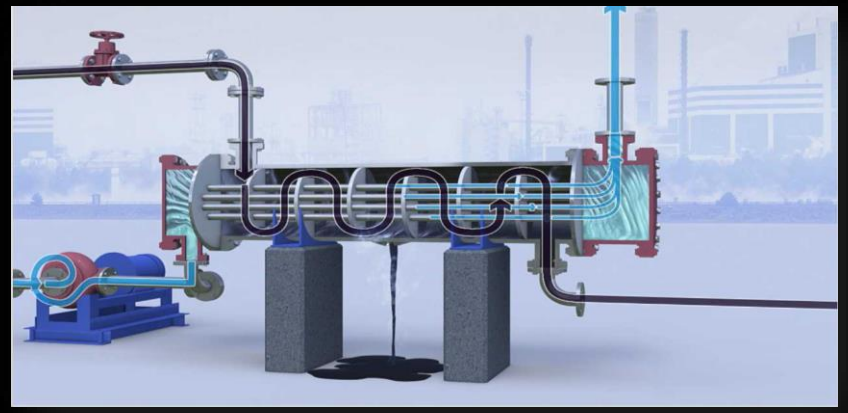


تفاعلية أقل، حفظ معلومة أقل

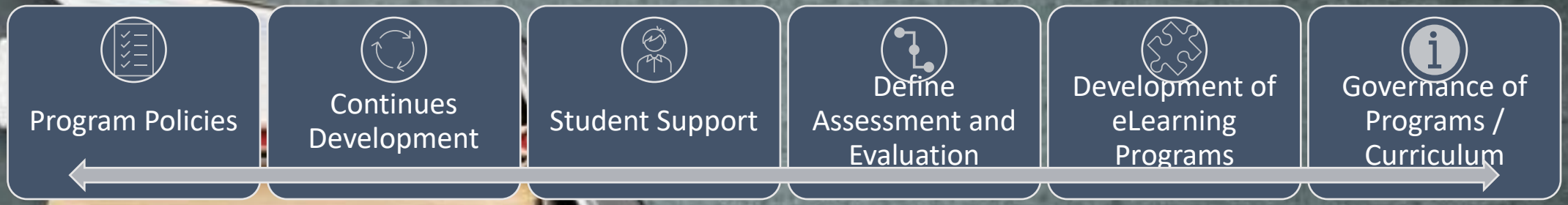
eCourse Interactives examples





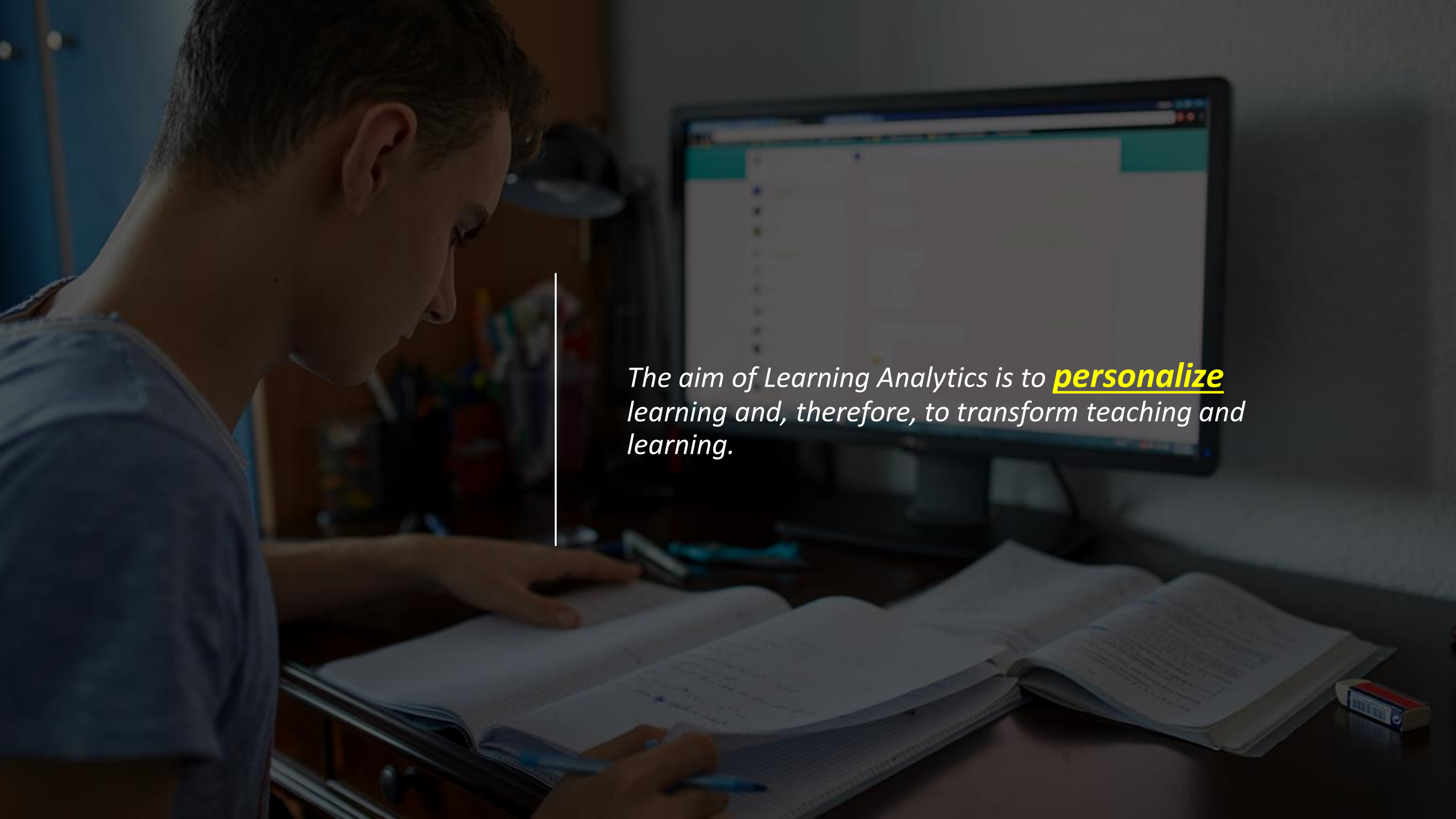


Standards built for programs offered via e-learning

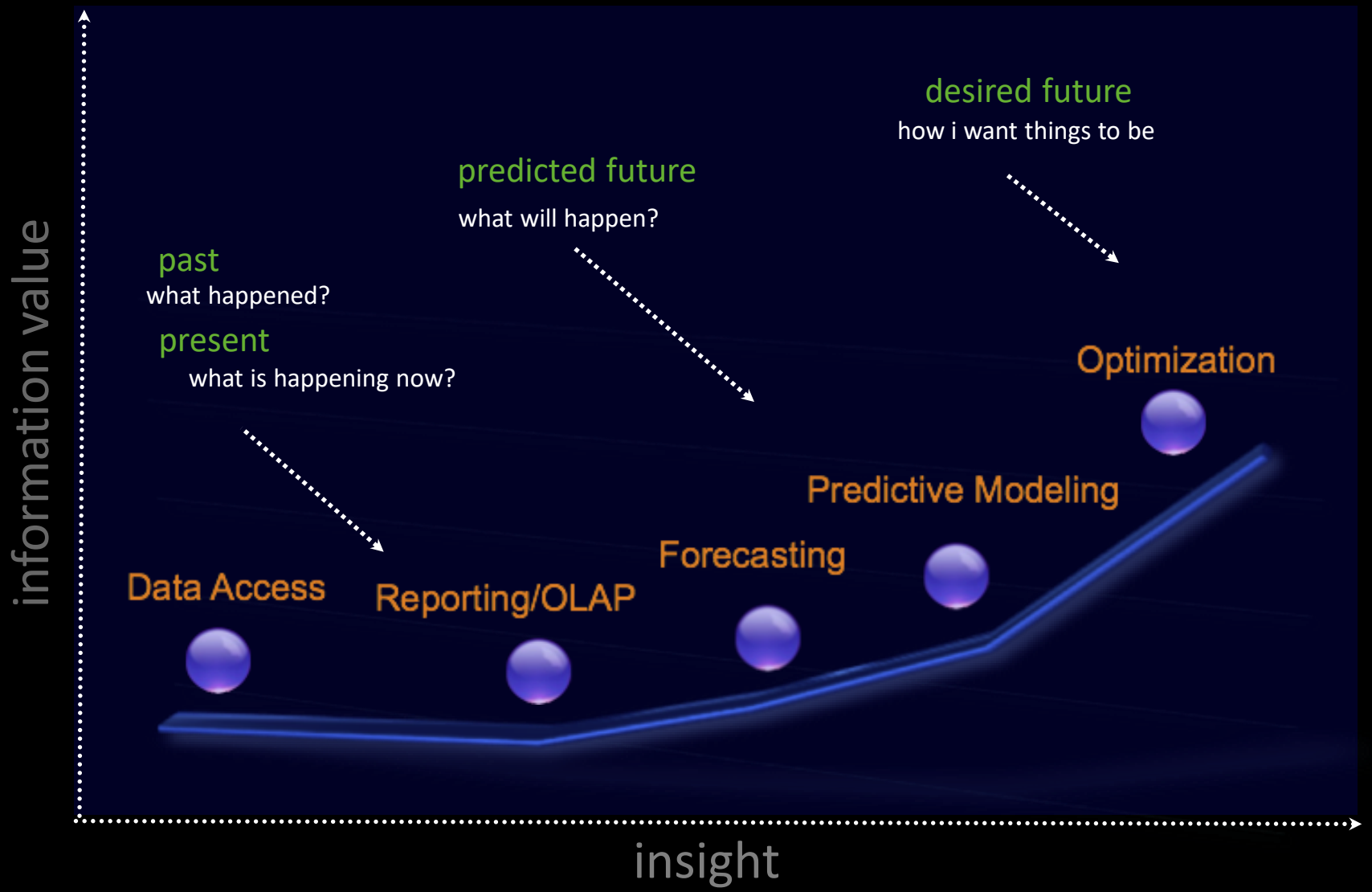


- Providing clear policies for the eLearning programs and the required accreditation, and complete information for students .
- Developing courses and linking their parts for good presentation.
- Determining the methods of programs evaluation - at the program level and ensuring that the results of educational outcomes.
- Provide a specific development mechanism
- Clarify the general policies of the programs offered in the e-learning environment

Analytics


*The aim of Learning Analytics is to **personalize** learning and, therefore, to transform teaching and learning.*

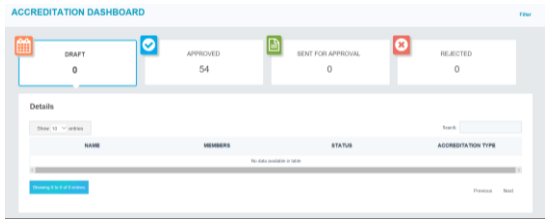
Analytics Maturity Levels

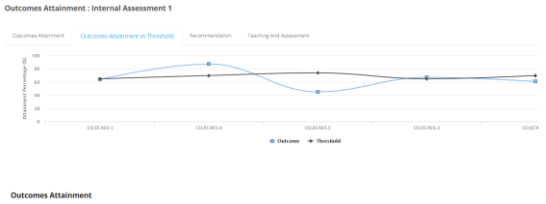


Three Types of Analytics

Learning Analytics

- *focus is the individual student or learner*





Academic Analytics

- *focus is the institution, program,*
- *department, and course*

Enterprise Analytics

- *focus is the entire enterprise and includes*
- *all systems and data*

Analytics is finding an optimal to a desired future

Less Data, More Insights

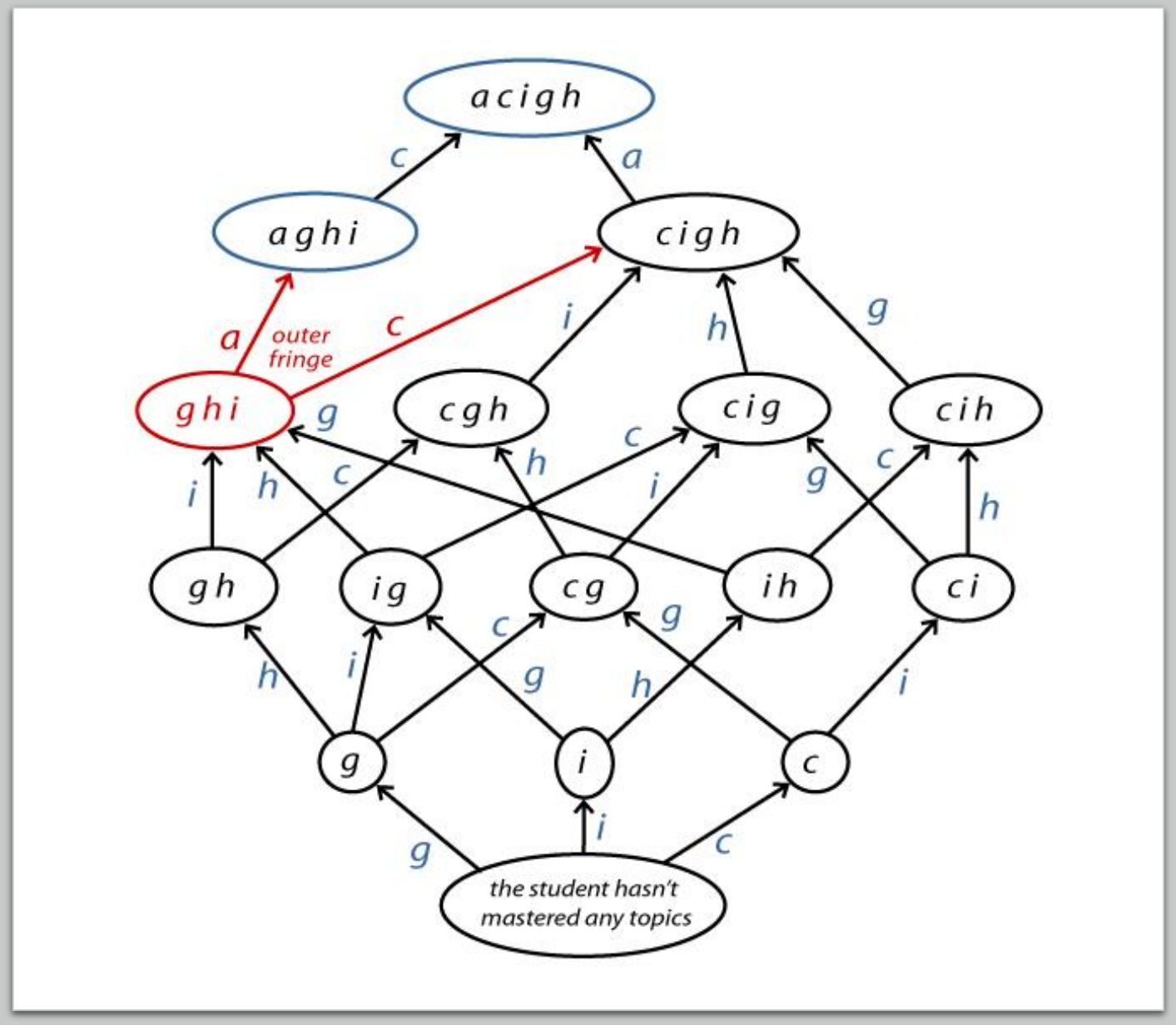
What is Adaptive Learning?

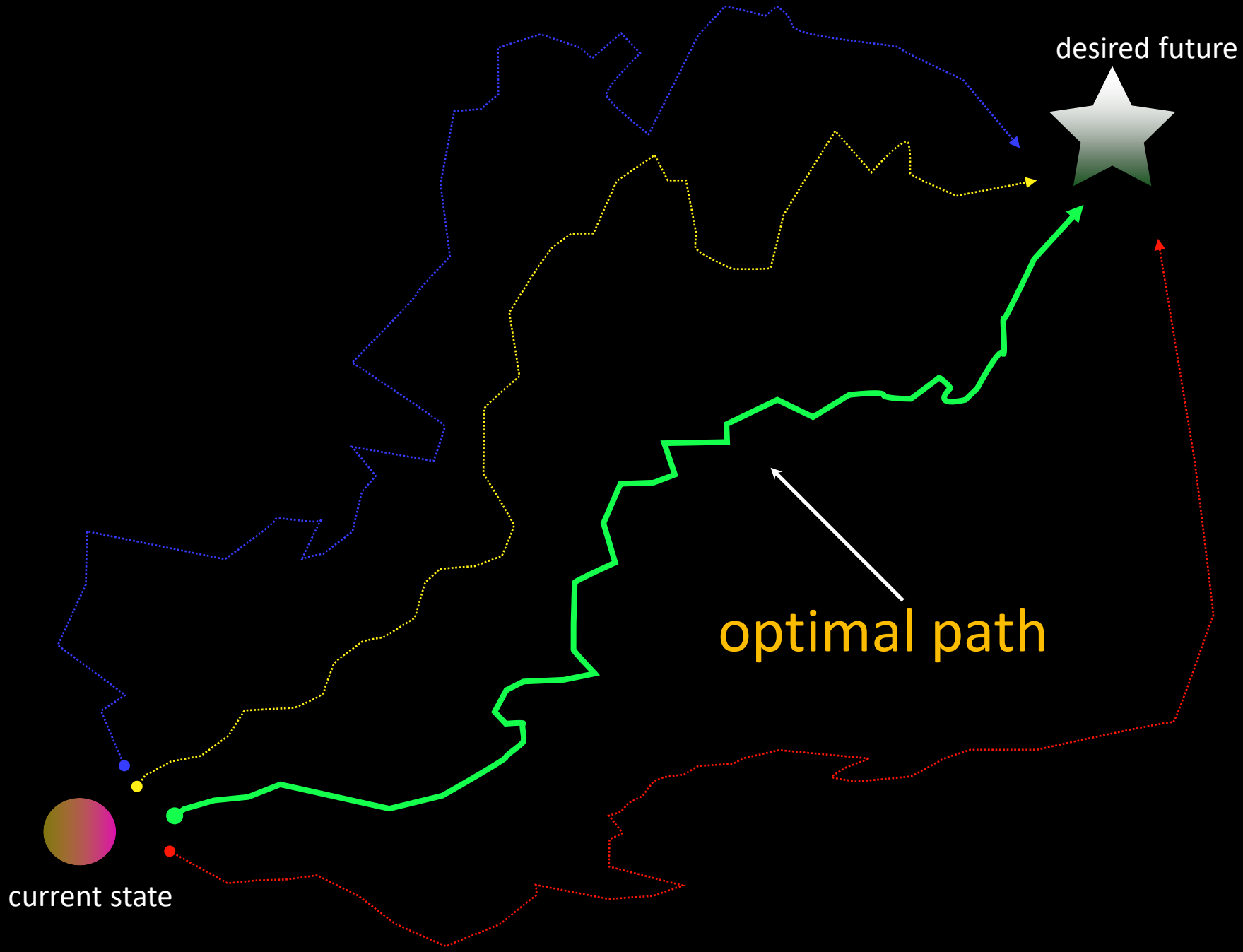
Adaptive learning is **one technique for providing personalized learning, which aims to provide efficient, effective, and customized learning paths to engage each student**. Adaptive learning systems use a data-driven approach to adjust the path and pace of learning, enabling the delivery of personalized learning at scale.

https://library.educause.edu/resources/2017/1/7-things-you-should-know-about-adaptive-learning

Adaptive Path

- Build a Success Path for your learners




desired future
optimal path
current state

Deep Learning Insights

hierarchical views

for viewing data dynamically at multiple levels

historical data

for trend and comparative analysis

advanced statistics

for going beyond data to insights

access controls

for sharing data based on role authorization

eLearning Statistics

- The global elearning market is projected to reach $336.98 billion by 2026.
- The compound annual growth rate of the elearning market from 2018 to 2026 is estimated to reach 9.1%.
- The revenues of the elearning industry have grown by over 900% since 2000. However, it seems that it has not reached its peak yet because it is expected to triple by 2025.
- In 2019, the MOOC (Massive Open Online Course) market was valued at $5.16 billion. This figure is expected to reach as high as $21.14 billion by 2025.
- 77% of the elearning industry is comprised of self-paced learning models.
- Self-paced elearning, however, is expected to hit a tough stride in the coming years as its value is projected to fall by 6.1% each year until 2021. Its estimated market value by then will only be about $33.5 billion.
- LMS/SaaS models offer a standardized education system and make up over 29% of the total elearning market share.
- In 2018, 35.3% of students in the United States are taking distance learning courses. This trend shows steady growth, following 31.8% and 33.5% of U.S. student shares in 2016 and 2017, respectively.
- In 2018, 35.3% of U.S. students are enrolled in distance learning courses. 73% of them attend private for-profit schools while 30.4% attend private non-profit schools. Meanwhile, 34.1% of them are from public schools.
- 72% of educational institutions offer new online programs because of their employers' demand. 71% of the schools, on the other hand, roll out new online courses because of their students' demands.

https://research.com/education/elearning-statistics

THANK
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JUSPAXAR
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EFCHARISTO
KOMAPSUMNIDA
GRAZIE
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BÏYAN
SHUKRIA
TINGKI
DANKSCHEEN
SPASSIBO
SNACHALHUYA
NUHUN
CHALTU
YAQHANYELAY
TASHAKKUR ATU
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