Adaptiv læring

Personlige læringsoplevelser, skaleret.

LÆR OG HUSK MERE OG HURTIGERE - SOM MED EN PERSONLIG TUTOR

area9
LYCEUM

OVERBLIK

- Indledning: hvem er vi?
  - Hvad er adaptiv læring?
  - Kan computere erstatte undervisere?
  - Hvordan er Rhapsode adaptiv?
    - Curriculum, Næste Opgave og Intra Opgave
  - Augmentation – et samarbejde mellem computer og menneske
  - Area9 U – et eksempel fra virkeligheden

BLIVER UNDERVISERE ERSTATTET AF COMPUTERE?

Secondary education teaching professionals

Likelihood of automation?
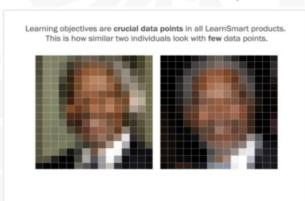**It's quite unlikely (1%)**

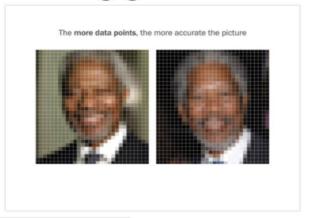How this compares with other jobs:
357th of 366

ADAPTIV LÆRING

- Blooms/Block 1976: ALLE KAN LÆRE ALT (hvis de har deres egen lærer) – men det vil tage dem forskellig mængde tid at lære det.

-
  Præmis; individer lærer forskelligt (tempo, videns-gaps, læringsteknikker etc.)

-
  Målstyring erstatter fastsat curriculum fokus - indhold af undervisning skal kunne bedømmes ift. den enkeltes "mestring":

  - tid til mestring
  - feedback
  - rettelser
  - supplerende materialer

ADAPTIV LÆRINGSTEKNOLOGI

Ideal: 1:1 lærer/elev Forudsætning: granularitet

UNIKKE, PERSONLIGE VEJE TIL AT MESTRE ET EMNE

Genopfrisk

SLUT
Bruger 1	Bruger 2	Bruger 3
100% kyndig	100% kyndig	100% kyndig
8m 25s	19m 39s	33m 40s

START
Bruger 1	Bruger 2	Bruger 3
88% korrekt	52% korrekt	47% korrekt
9% bevidst inkompetent	7% bevidst inkompetent	29% bevidst inkompetent
3% ubevidst inkompetent	41% ubevidst inkompetent	24% ubevidst inkompetent

Data from Feb 2019 from telecommunications company, technical training course

99+

Tashia Dam

Workflow Dashboard

MY TASKS		UNASSIGNED TASKS		ASSIGNED TASKS		TASK BROWSER			
2	1	0	0	1	0	16360	940	274	9247
Not Started	In progress	Not Started	In progress	Not Started	In progress	Waiting	Not Started	In progress	Completed

Search

AREA9 U - WILEY PUBLISHING - SOMA DASGU... ⋮

↺ **Review and signoff probes**

Trainer review and signoff of the first 10 Probes

Wiley Publishing - Area9 U - Soma Dasgupta

Wiley Publishing - Area9 U

YOU   13

Not Started since Dec 3rd, 2021   —

OPEN   **NEEDS WORK**   AP

AREA9 U ADVANCED - TASHIA / AREA9 U ⋮

🎓 **Bridge Activity**

Tashia

Area9 U Advanced

YOU   0 %

In progress since Aug 26th, 2021   —

LEARN   COMPLETE   ✏️

AREA9 U ADVANCED - TASHIA / AREA9 U ⋮

✏️ **Curate Bridge**

Tashia

Area9 U Advanced

YOU   9

Not Started since Aug 26th, 2021   —

EDIT   **COMPLETE**   ✏️

My RHAPSODE Portfolio

Filter by   Type ▾   Sort by   Due Date ▾   Learn   0%

⊙   **TO DO** (3)

LEARN   ⋮

Bridge Activity

Area9 U Advanced - Elective - Bridge - Activity

0%   ~1m

REFRESH   🕐 6d   ⋮

Bridge for Learning Engineers

Area9 U Advanced - Elective - Bridge

0%   ~12m

REFRESH   🕐 6d   ⋮

Reader

Area9 U Advanced - Elective - Reader

0%   ~1m
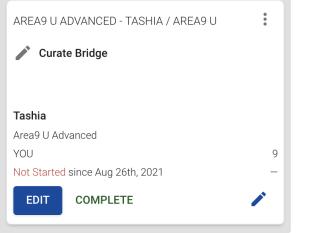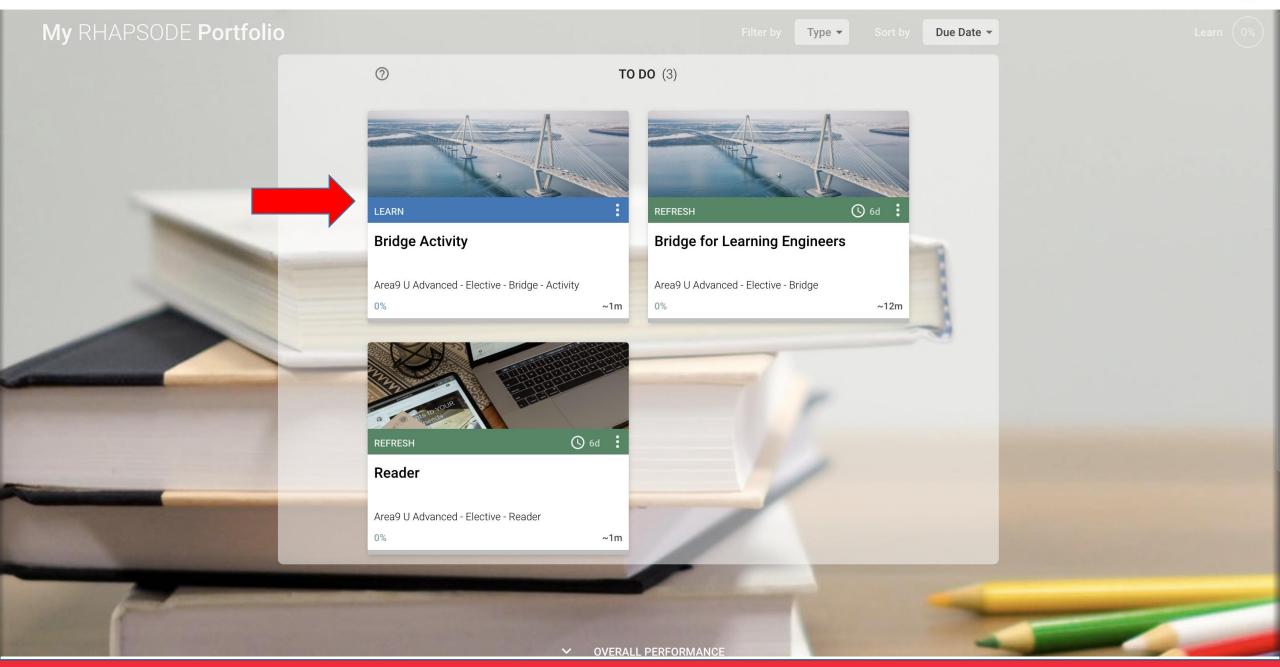
⌄   OVERALL PERFORMANCE

Coach

Read the instructions and submit your response.

You can click on the Full Screen icon for a larger view.

Autoplay ⬤ On

HIDE TEXT ▶

Bridge Activity

Read these tasks. You do not have to do all of them, choose the ones that suit your purpose.

Open your **advanced certification module**.

Complete the **tasks** that you find **most relevant**.

Check the boxes to confirm that you have read and understood them.

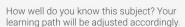Click **SUBMIT** at the bottom of the page when you are ready.

If you have any **specific questions** or **comments** about the task, please **reach out to your trainer**.

☐ Create a **learning objective** which requires teaching **content based on text-heavy descriptions** of different graphics

☐ **Add the Bridge tool** to your objective from the Advanced content types, to be able to import and edit source content

☐ **Experiment** with selecting different types of content suitable for learning resources and probes, such as images and text

☐ **Add content selections to build a new probe** using both text and images, then **export it to a new learning objective**
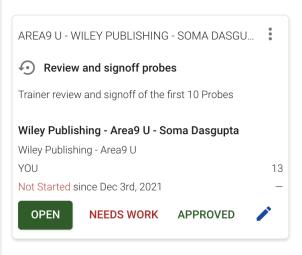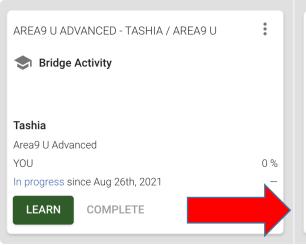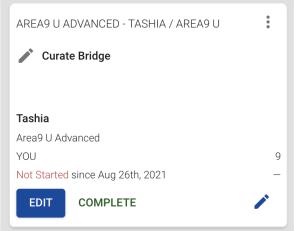
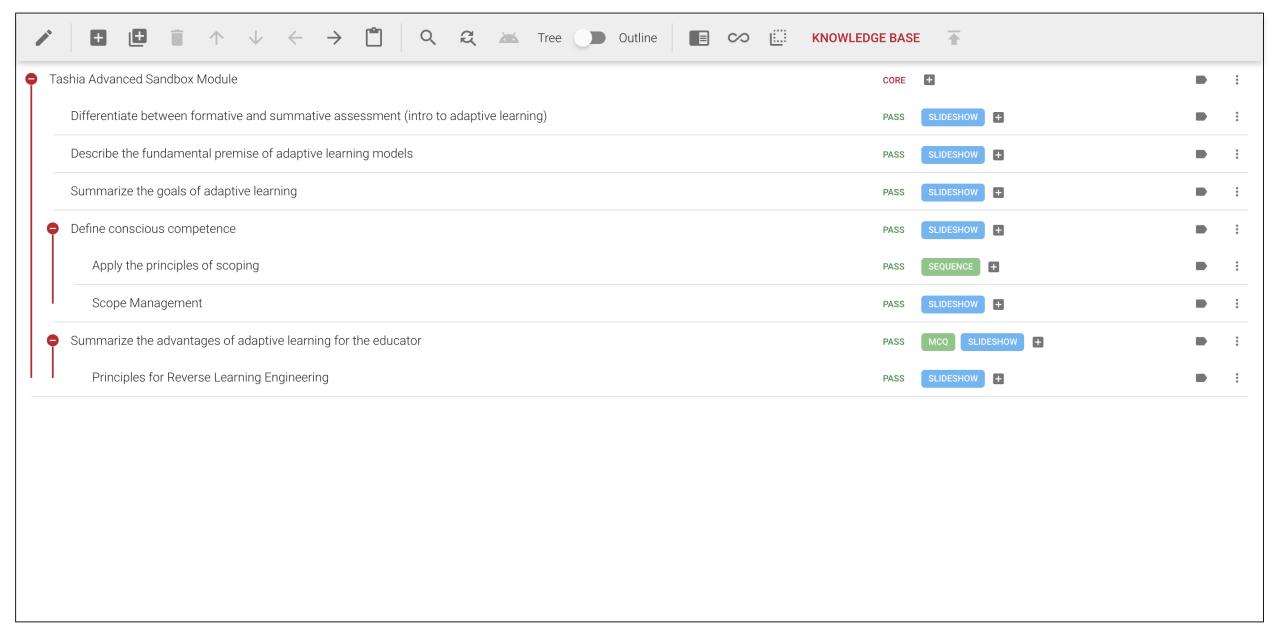SAVE DRAFT AND CLOSE   SUBMIT

Self-Assessment ❓

How well do you know this subject? Your learning path will be adjusted accordingly.

ADVANCED BEGINNER

OVERALL PERFORMANCE

Workflow Status: Active ✕

Workflow Dashboard

MY TASKS
2 **1**
Not Started In progress

UNASSIGNED TASKS
0 **0**
Not Started In progress

ASSIGNED TASKS
1 **0**
Not Started In progress

TASK BROWSER
16360 **940** **274** **9247**
Waiting Not Started In progress Completed

Search

AREA9 U - WILEY PUBLISHING - SOMA DASGU... ⋮

↺ **Review and signoff probes**

Trainer review and signoff of the first 10 Probes

Wiley Publishing - Area9 U - Soma Dasgupta
Wiley Publishing - Area9 U
YOU   13
Not Started since Dec 3rd, 2021   —

[OPEN] NEEDS WORK APPROVED ✏

AREA9 U ADVANCED - TASHIA / AREA9 U ⋮

🎓 **Bridge Activity**

Tashia
Area9 U Advanced
YOU   0 %
In progress since Aug 26th, 2021   —

[LEARN] COMPLETE

AREA9 U ADVANCED - TASHIA / AREA9 U ⋮

✏ **Curate Bridge**

Tashia
Area9 U Advanced
YOU   9
Not Started since Aug 26th, 2021   —

[EDIT] COMPLETE ✏

⌄ OVERALL PERFORMANCE

AREA9 RHAPSODE™ CURATOR

✏️ | ➕ 📑 🗑️ ⬆️ ⬇️ ⬅️ ➡️ 📋 | 🔍 🔄 🤖 Tree ⚪ Outline | 📖 ∞ ▢ **KNOWLEDGE BASE** ⬆️

⊖ Tashia Advanced Sandbox Module	CORE	➕	🏷️ ⋮
Differentiate between formative and summative assessment (intro to adaptive learning)	PASS	SLIDESHOW ➕	🏷️ ⋮
Describe the fundamental premise of adaptive learning models	PASS	SLIDESHOW ➕	🏷️ ⋮
Summarize the goals of adaptive learning	PASS	SLIDESHOW ➕	🏷️ ⋮
⊖ Define conscious competence	PASS	SLIDESHOW ➕	🏷️ ⋮
Apply the principles of scoping	PASS	SEQUENCE ➕	🏷️ ⋮
Scope Management	PASS	SLIDESHOW ➕	🏷️ ⋮
⊖ Summarize the advantages of adaptive learning for the educator	PASS	MCQ SLIDESHOW ➕	🏷️ ⋮
Principles for Reverse Learning Engineering	PASS	SLIDESHOW ➕	🏷️ ⋮

KOMMENTARER OG SPØRGSMÅL

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No more Pencils, no more books. Slate 2015;
http://www.slate.com/articles/technology/technology/2015/10/adaptive_learning_software_is_replacing_textbooks_and_upending_american.4.html