

VALAMIS

Valamis ja xAPI - case-esimerkkejä

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About Valamis

2003

Founded in Finland

230+

Employees

10

Offices globally

1

Million learners

Valamis builds sustainable digital learning solutions with our global team of experts in customer-driven design, data science, corporate performance, and knowledge management.



VALAMIS

Unique end-to-end solution

Valamis is a complete learning ecosystem allowing you to upskill and scale up, while streamlining the learning stack and reducing costs with one strategic partner.



xAPI data analytiikan pohjana

Lessons

User Actions

How are the lessons rated?

When are the users active in the lessons?

How successfully are the users completing the lessons?

What are the top lessons?

Creator

Course

Lesson

User

Information

Lesson

ACME Lesson Template
Common-Bound 2020 Sexual Harassment and Abusive Conduct Prev
Safe Skills: Different Safe

Completed learning paths

Virus

Major

Minor

7,146

0

0

0

More...

Correlation between completed Security training and incidents

186.487 Average time spent on lesson, min

3.026 Average rating

39.793% Average auto score

Top Lessons by Attempts and Co

2019-04-01 2019-05-01 2019-06-01 2019-07-01 2019-08-01 2019-09-01 2019-10-01 2019-11-01 2019-12-01 per 4 weeks

2020-01-01 2020-02-01 2020-03-01 2020-04-01 2020-05-01 2020-06-01 per 7 days

2021-01-12T12:57:19.588Z 10d6083f-074a-aae8-48aa-ad2844be1b04 completed 'Lesson with MS Streams video' (version 1.5) with score 100%

2021-01-12T12:56:45.819Z 10d6083f-074a-aae8-48aa-ad2844be1b04 experienced 'Page 1'

2021-01-12T12:56:45.601Z 10d6083f-074a-aae8-48aa-ad2844be1b04 attempted 'Lesson with MS Streams video' (version 1.5)

2021-01-12T12:56:35.693Z 10d6083f-074a-aae8-48aa-ad2844be1b04 completed 'Lesson with MS Streams video' (version 1.5) with score 100%

2021-01-12T12:56:22.326Z 10d6083f-074a-aae8-48aa-ad2844be1b04 experienced 'Page 1'

2021-01-12T12:56:22.095Z 10d6083f-074a-aae8-48aa-ad2844be1b04 attempted 'Lesson with MS Streams video' (version 1.5)

2021-01-12T12:55:51.887Z 10d6083f-074a-aae8-48aa-ad2844be1b04 completed 'Lesson with MS Streams video' (version 1.5) with score 100%

2021-01-12T12:55:46.446Z 10d6083f-074a-aae8-48aa-ad2844be1b04 experienced 'Page 1'

2021-01-12T12:55:46.231Z 10d6083f-074a-aae8-48aa-ad2844be1b04 attempted 'Lesson with MS Streams video' (version 1.5)

2021-01-12T12:55:09.545Z 10d6083f-074a-aae8-48aa-ad2844be1b04 completed 'Lesson with MS Streams video' (version 1.5) with score 100%

2021-01-12T12:35:05.091Z 10d6083f-074a-aae8-48aa-ad2844be1b04 experienced 'Page 1'

2021-01-12T12:35:04.838Z 10d6083f-074a-aae8-48aa-ad2844be1b04 attempted 'Lesson with MS Streams video' (version 1.5)

2021-01-12T11:28:36.972Z 10d6083f-074a-aae8-48aa-ad2844be1b04 unset 'http://eu.demo.valamis.io/valamis/groups/usergroup/0'

2021-01-12T11:25:34.824Z 10d6083f-074a-aae8-48aa-ad2844be1b04 set 'http://eu.demo.valamis.io/valamis/groups/usergroup/0'

b048a2d4-2eec-d29b-1b52-b87844067729: http://eu.demo.valamis.io scored 'Consulting' with score 40%

2021-01-12T10:35:02.846Z b048a2d4-2eec-d29b-1b52-b87844067729: http://eu.demo.valamis.io favored 'Consulting'

2021-01-12T10:35:02.881Z b048a2d4-2eec-d29b-1b52-b87844067729: http://eu.demo.valamis.io defined 'Consulting' with score 60%

2021-01-12T10:28:01.246Z b048a2d4-2eec-d29b-1b52-b87844067729: http://eu.demo.valamis.io completed 'Company introduction' (version 1.0) with score 100%

b048a2d4-2eec-d29b-1b52-b87844067729: https://v4-demo.northeurope.cloudapp.azure.com/valamis/lessons/a9baa0bc-79db-4834-8443-846535919f20/files/71.mp4'

b048a2d4-2eec-d29b-1b52-b87844067729: http://eu.demo.valamis.io experienced 'Product'

b048a2d4-2eec-d29b-1b52-b87844067729: http://eu.demo.valamis.io experienced 'Page 2'

b048a2d4-2eec-d29b-1b52-b87844067729: http://eu.demo.valamis.io attempted 'Company introduction' (version 1.0)

b048a2d4-2eec-d29b-1b52-b87844067729: http://eu.demo.valamis.io completed 'Safety for employees - Slips, trips and falls for employees'

b048a2d4-2eec-d29b-1b52-b87844067729: http://eu.demo.valamis.io experienced 'Safety for Employees: 06. Slips, Trips, and Falls for Employees'

b048a2d4-2eec-d29b-1b52-b87844067729: http://eu.demo.valamis.io attempted 'Safety for employees - Slips, trips and falls for employees'

xApi data suositteluisa

The screenshot shows a learning platform interface with the following sections:

- Recommended Lessons:** A grid of six lessons with titles like "Project Kickoff Meeting", "Vastullisuus: Hyödyt liiketilominalle", "Lesson video", "What Is the Role of Learning Analytics in Learning? - YouTube", "EU GDPR", and "Drag-n-drop questions with images!". Each card includes a star rating and a small image.
- Recommended LinkedIn courses:** A grid of seven LinkedIn courses with titles like "10 Ways to Stay Motivated While Job Hunting", "Diversity, Inclusion, and Belonging", "DATA DRIVEN", "Data Driven: Harnessing Data and AI to Reinvent Customer Engagement...", "Building a Security Awareness Program: Phishing Simulations", "ONESTOP PRO", and "Brand Redesign: Small Business". Each card includes a star rating and a small image.
- Recommended Events:** A grid of six training events with titles like "Acme Onboarding Day", "Group Coaching on Handling Objections", "Social learning workshop", "Value Selling Sessions for EU Sales 2021", "1:1 coaching sessions, Q2/2021", and "1:1 coaching sessions, Q2/2021". Each card includes a star rating and a small image.
- Trending This Month:** A grid of five trending items with images related to plants, laptops, and Mars rovers.

A chatbot interface showing a conversation between a user and a bot named Valbo:

- User: ' name is Valbo! How can I ou?
- Bot: Hi Lindsey!
- User: Hello
- Bot: It looks like you just finished Design Thinking Fundamentals course. Would you like to study this course next?
- User: I'd like to improve my communication skills
- Bot: I want to improve your communication skills, take a look at these studies:
 - Introduction to Data Science
 - Financial Decision Making
- User: Yes thanks! How long will the course take
- Bot: The estimated duration is 2 hours.
- User: Thank
- Bot: Sure, take a look at your learning records here:
 - Learning Records
- User: Type your question here...
- Bot: Type your question here...

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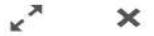
Case 1.

Duke University – xAPI data lääketieteen
simulaatioissa.



Simulaatio – oireet ja potilaan tutkiminen

Randomized Simulation A



Randomized Simulation A

Neuro exam v.2016-02-12T15:05:31.150Z

1. Doctor introduction
2. Awareness
3. Speech
4. Memory
5. Visual fields
6. Visual acuity
7. Fundoscopic exam
8. Pupil reflexes
9. Extraocular movements
10. Facial sensation
11. Facial strength
12. **Facial movement**
13. Tongue movement
14. Strength
15. Reflex
16. Sensation
17. Coordination
18. Gait
19. Delayed recall

EHR Fullscreen Vitals Tools CONVERSATION

TOOLS

VITALS

145/95 BP
68 Heart rate
98.6 Temper

ME

- Ask the patient: "Hello, I am Dr. Smith. What brings you here today?"
- Ask the patient to write how he is.
- Record findings in EHR

The screenshot shows a medical simulation interface titled 'Neuro exam v.2016-02-12T15:05:31.150Z'. On the left, a vertical list of 19 examination steps is displayed, with step 12 ('Facial movement') highlighted in blue. In the center, a video feed shows a patient in a white hospital gown sitting in a bed. To the left of the video, there's a control panel with a monitor, a blood pressure cuff, and other medical equipment. A floating 'TOOLS' box contains icons for various medical instruments. Below it, a 'VITALS' box displays '145/95 BP', '68 Heart rate', and '98.6 Temper'. On the right, a 'CONVERSATION' section is open, showing a 'ME' icon and a list of three tasks: asking the patient about their symptoms, asking them to write how they are, and recording findings in the EHR. The top right of the screen has standard browser controls for EHR, Fullscreen, Vitals, Tools, and a close button.

Simulaatio – Potilaan aivot

Randomized Simulation B

Randomized Simulation B

Deficit List

- 1. Mental Status
- 2. Speech Comprehension

Fullscreen

CONVERSATION

PRECEPTOR

Navigation Instructions

Click around on different parts of the brain. The name will be displayed as you click on each subsection.

Click on the head and hold down the mouse to rotate the brain model.

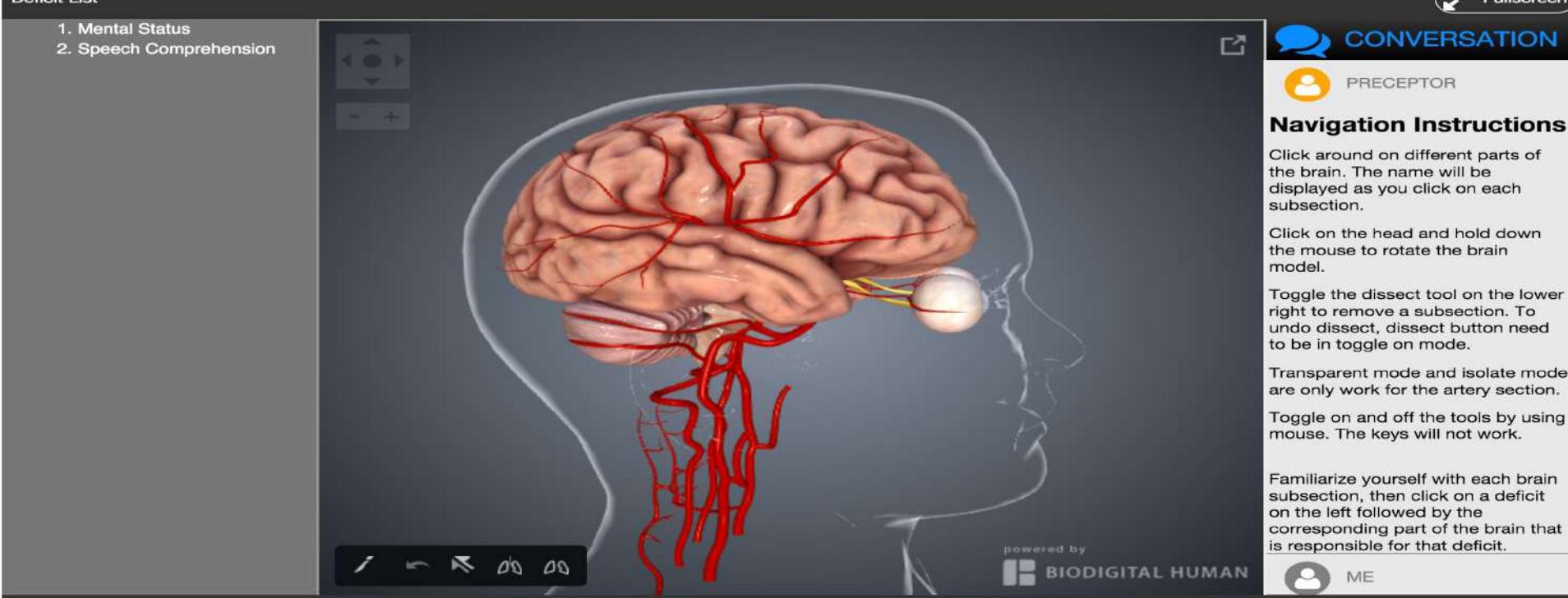
Toggle the dissect tool on the lower right to remove a subsection. To undo dissect, dissect button need to be in toggle on mode.

Transparent mode and isolate mode are only work for the artery section.

Toggle on and off the tools by using mouse. The keys will not work.

Familiarize yourself with each brain subsection, then click on a deficit on the left followed by the corresponding part of the brain that is responsible for that deficit.

ME



The interface features a central 3D rendering of a human brain within a skull. The brain's surface is highlighted in red, representing blood vessels or specific regions. A red network of vessels is also visible at the base of the brain. On the left side, there's a vertical panel titled 'Deficit List' containing two items: '1. Mental Status' and '2. Speech Comprehension'. On the right side, there's a panel titled 'Navigation Instructions' with several descriptive text blocks. At the bottom, there's a footer bar with icons for zooming and navigating, and the text 'powered by BIODIGITAL HUMAN'.

Välitön palaute ja debriefing

 ILE@D
Immersive Learning Environments @ Duke

ILE@D Home Debrief

Debrief All scenarios ▾ Search

Scenario	Progress
Left MCA superior division (frontal/anterior)	COMPLETED 100%
Left MAC inferior division (parietal/temporal/posterior)	COMPLETED 100%
Left MCA deep territory (internal capsule)	COMPLETED 100%
- Left MCA M1 (frontal/parietal)	IN PROGRESS 20%

Scenario Progress

Step	Status	Progress (%)
Doctor introduction	Correct	100%
Awareness	Correct	100%
Speech	Incorrect	25%
Memory	Incorrect	50%
Visual Fields	Incorrect	75%
Visual acuity	Incorrect	100%
Fundoscopic exam	Not started	0%

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Case 2.

xAPI and learning data as a driver for
change of learning culture in an
international professional services company



xAPI ja oppimisdata apuna oppimiskulttuurin muutoksessa

- Asiakkaana kansainvälinen asiantuntijayritys (UK ja Yhdysvallat)
- Valamis digitaalisena oppimisympäristönä oman henkilöstön ja sidosryhmissä toimivien asiantuntijoiden koulutuksessa
- Tavoitteena oppimiskulttuurin muutos -> "top-down" –koulutuksista kohti itseohjautuvaa oppimista
- Digitaalisessa oppimisratkaisussa on perinteinen LMS alue ja lisäksi omaehtoista oppimista tukeva palvelukokonaisuus suositteluineen
- Dataa hyödynnetään oppimiskulttuurin muutoksen edistymisen seurannassa ja ohjauksessa

Balance experiences for different learning styles

	Customer 2600 users	Benchmark 1 10 000 users	Benchmark 2 3 000 users	Benchmark 3 200 users	
Average minutes per week, per user	19.1	13.1	8.5	4.9	Balanced distribution of learning experiences compared to benchmarks. Time divided per events / internal / external content is quite equal.
Time spent on internal content (lesson, learning path etc.)	43%	62%	17%	100%	Early experiences from LMS are proving to lead users into satisfactory adoption for Non-formal learning opportunities utilisation.
Time spent on events	31%	5%	83%	0%	
Time spent on external content (LinkedIn Learning)	27%	33%	0%	0%	

User engagement

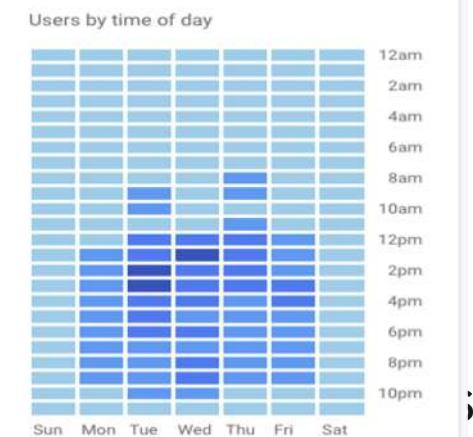
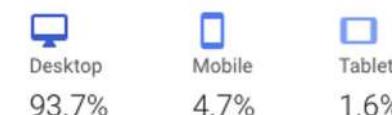
Over 50% of users are active on weekly or monthly basis

60% of sessions include learning activity

Customer is **performing well** against large-firm benchmarks in user engagement

	Customer 2600 users	Benchmark 1 10 000 users	Benchmark 2 3 000 users	Benchmark 3 200 users
Sessions with learning activity	60%	54%	31%	81%
Average time in between sessions (days)	12.1	25.0	20.8	9.2
Weekly users	11%	5%	4%	19%
Monthly users	40%	25%	14%	48%
Less frequent users	22%	42%	34%	26%
Passive (users with no sessions)	26%	29%	48%	6%

Understanding user profiles and behavior support in maintaining engagement e.g. effective times to target interventions

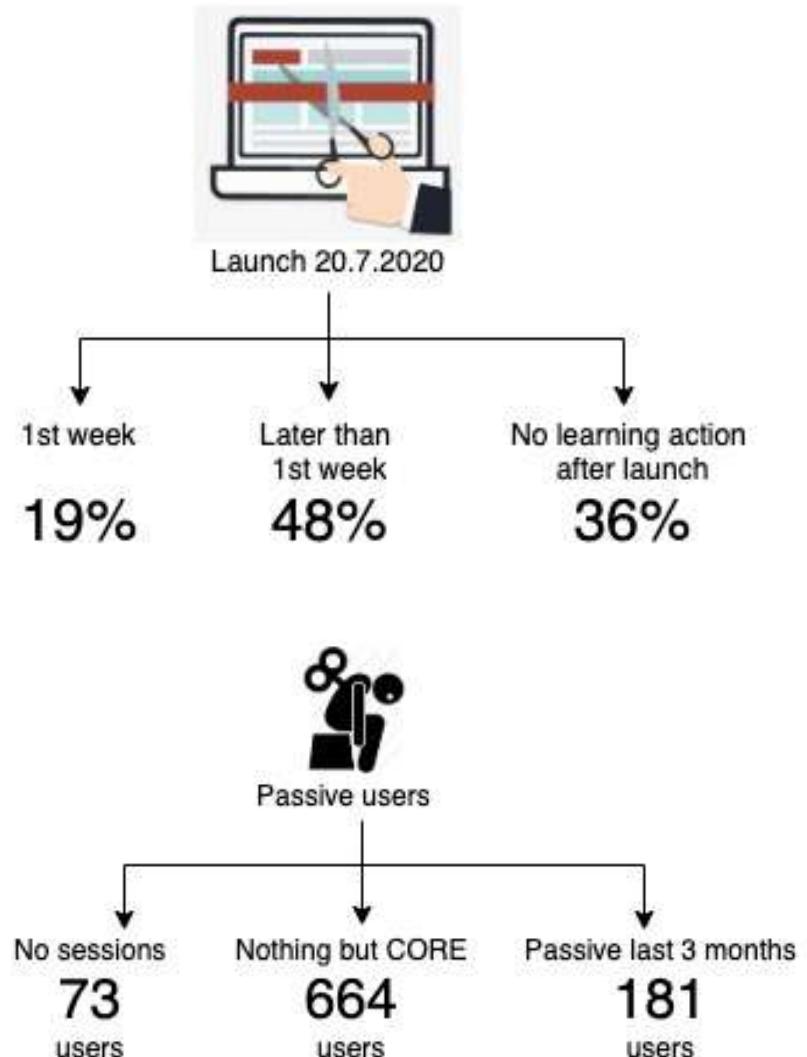


Pain points observed

1st week adoption **only 19%** of users. Adoption proved to be hard in the summer.

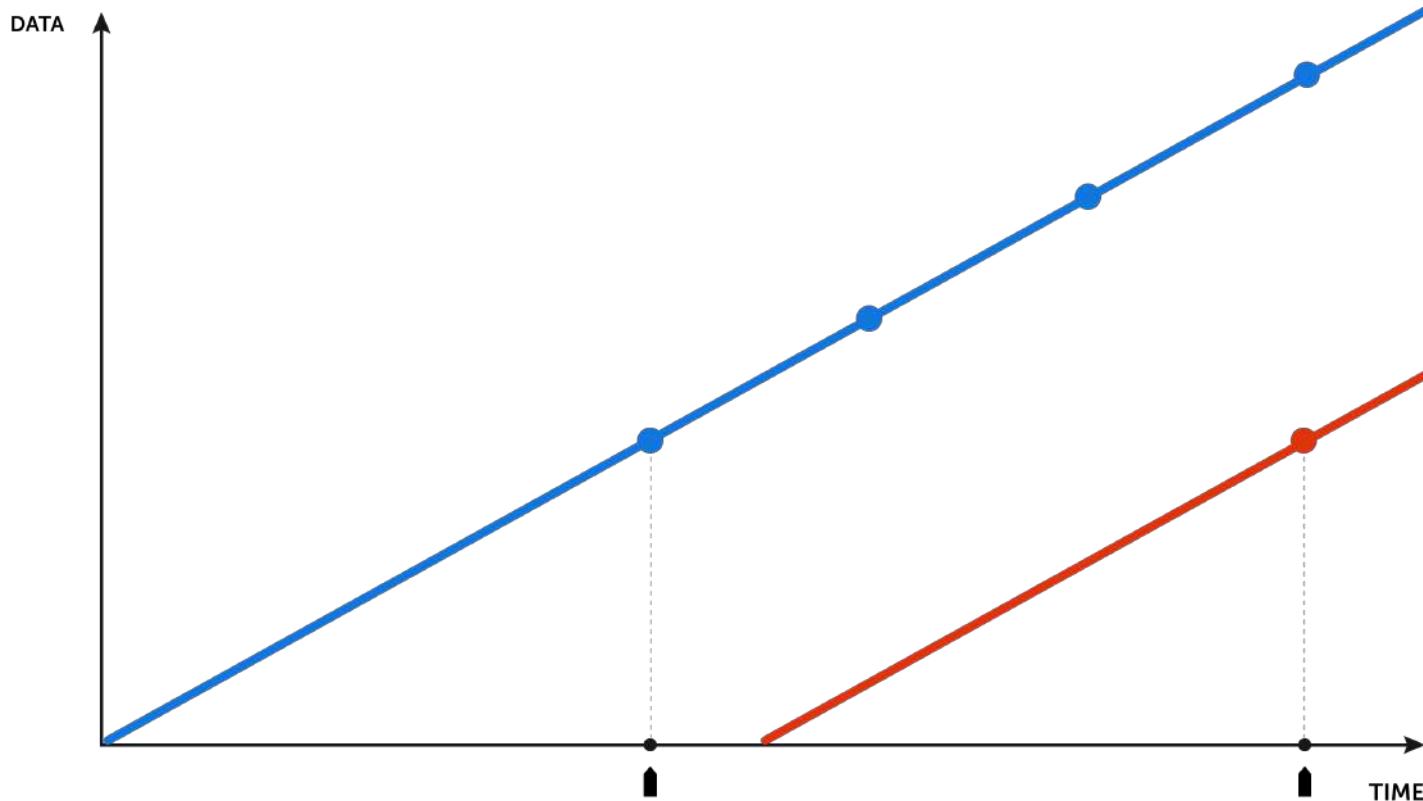
36% of passives after launch is not alarming. There's **less passives than with large-firm benchmarks**.

Large sub-group of **664 users** with only LMS activity is the pain point for targeting actions.



**Opittua:
Aloita datan keruusta**

Time to Discovery



Capturing data from the beginning

The organization was able to get valuable insights from the data almost as soon as they started using the platform.

Defining KPIs first

As the organization struggled to define metrics that would answer all their questions, the benefits of data were pushed far into future.

Kiitos!

Deloitte.
Technology Fast50

