Knowledge Gap™

What's in your LMS?
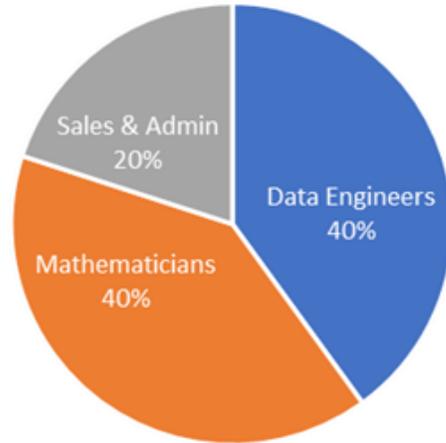
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Through Machine Learning and AI Solutions, we empower educational institutions to increase their students' success rate.

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RETENTION – ATTRACTION – COMMITMENT - STUDENT SUCCESS

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SIMPLIFYING DATA

About us & Presence

We help institutions become more competitive by solving specific problems using Advanced Analytics.

Our products empower our customers by integrating Machine Learning and AI techniques for predictive, prescriptive and cognitive analytics.

Offices in the USA & Mexico. Presence through partners in Colombia, Panamá, Chile, Perú and Ecuador. Customers in +15 countries.

Our Team

Data Engineers 40%

Mathematicians 40%

Sales & Admin 20%

Global EdTech Startups Awards

LATAM WINNER

Microsoft Gold Partner

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Some of our Higher Education References

What is Knowledge Gap™

Intro

Knowledge Gap is a specific use case of Cognitive Mining.

Why are we talking about Cognitive Mining?

Because acting on your information is challenging

2.5 quintillion bytes

Amount of new data created in the world per day

80%

of data in businesses is unstructured

$14,209 lost

per year per knowledge worker by companies due to information searches[1]

1. https://www.ricoh.nl/Images/IDC_Executive_Insights_January2011_t_76-4420.pdf
2. http://www.marketingpilgrim.com/2014/12/in-the-next-60-seconds-300-hours-of-video-will-be-uploaded-to-youtube.html
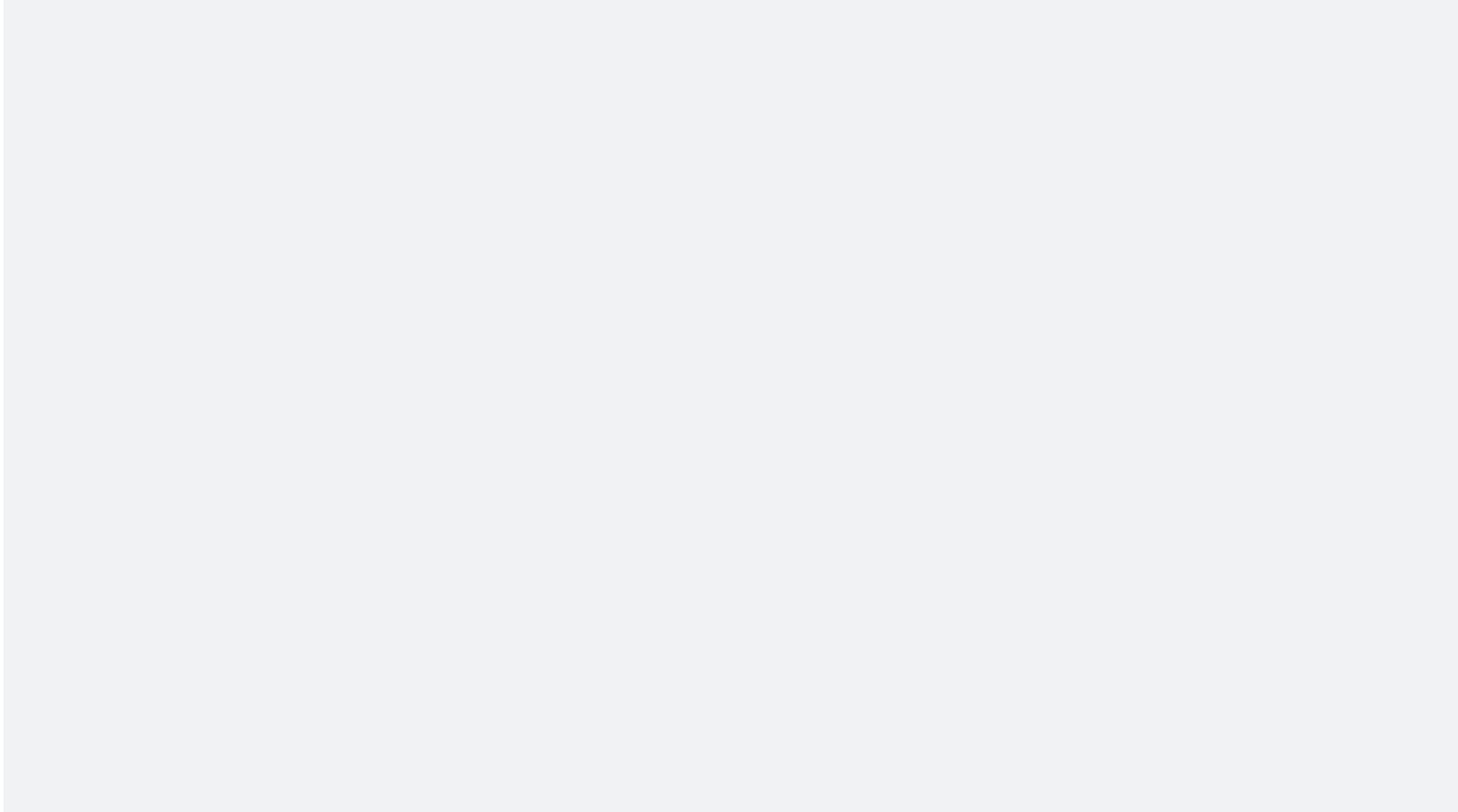
Cognitive Mining

The process of systematically extracting (i.e. mining) knowledge from unstructured data using cognitive models.
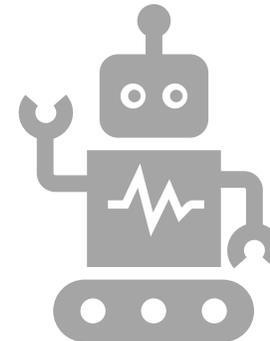
Cognitive models simulate human-like capabilities. Think vision, speech, audio, knowledge, search, etc.
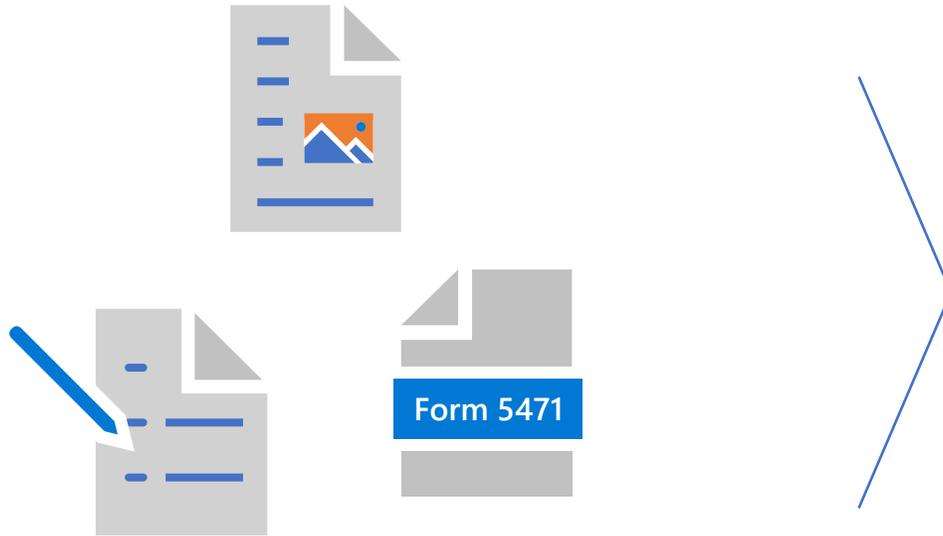
Cognitive Mining – use case example

What is Knowledge Gap™
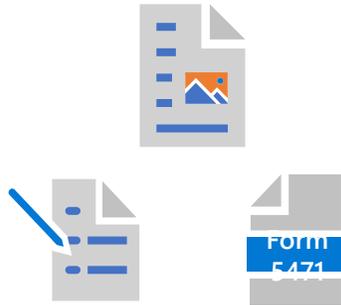
What is Knowledge Gap?
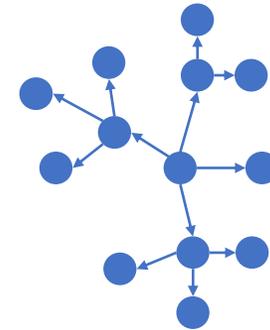
Form 5471

Unstructured content within your LMS

A cognitive AI solution that helps identify the GAP between the professed objectives of every course against the lying latent content of the courses.

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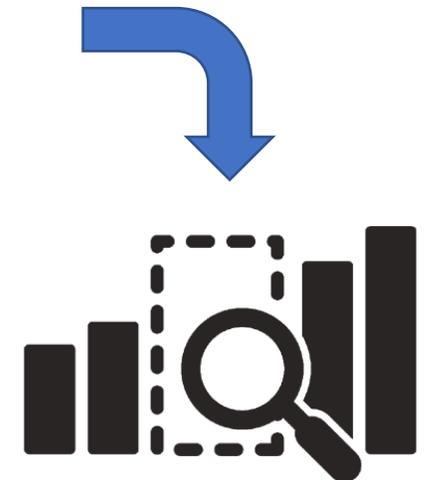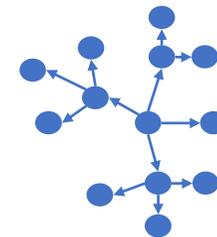EDUCATION

How it works?

LMS - Course Unstructured Content

Fully text-searchable rich index

Form 5471

AI Solution

Knowledge GAP

Course Objectives

AI Solution

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Knowledge Gap Skills

Cutting-edge AI

LMS - Course Content

Key Phrase extraction

Organization entity extraction

Face detection

Custom skills

Location entity extraction

Persons entity extraction

Language Translations

Landmark detection

Sentiment analysis

Language detection

Tag extraction

Printed text recognition

Fully text-searchable rich index

Course Objectives

Key Phrase extraction

Custom skills

Tag extraction

Fully text-searchable rich index

Knowledge GAP identifies the level of completeness against every objective for all the content within the LMS.

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Knowledge GAP

Once we have fully searchable and minable content, we can identify areas of opportunity to improve the content being provided to students.

Example – Knowledge Gap

Demo

Cognitive Mining

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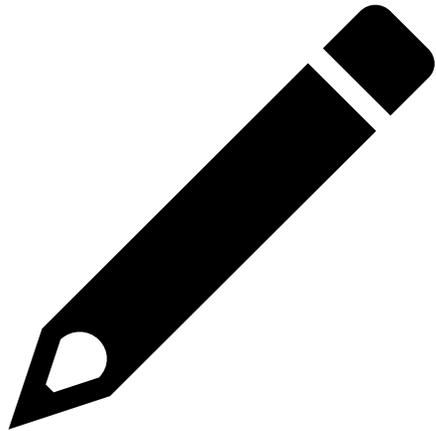
Thank You!

We are at your disposal to provide you with more information about this proposal if required. We are convinced that we have the experience and competencies to make this Project with the University a success.

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