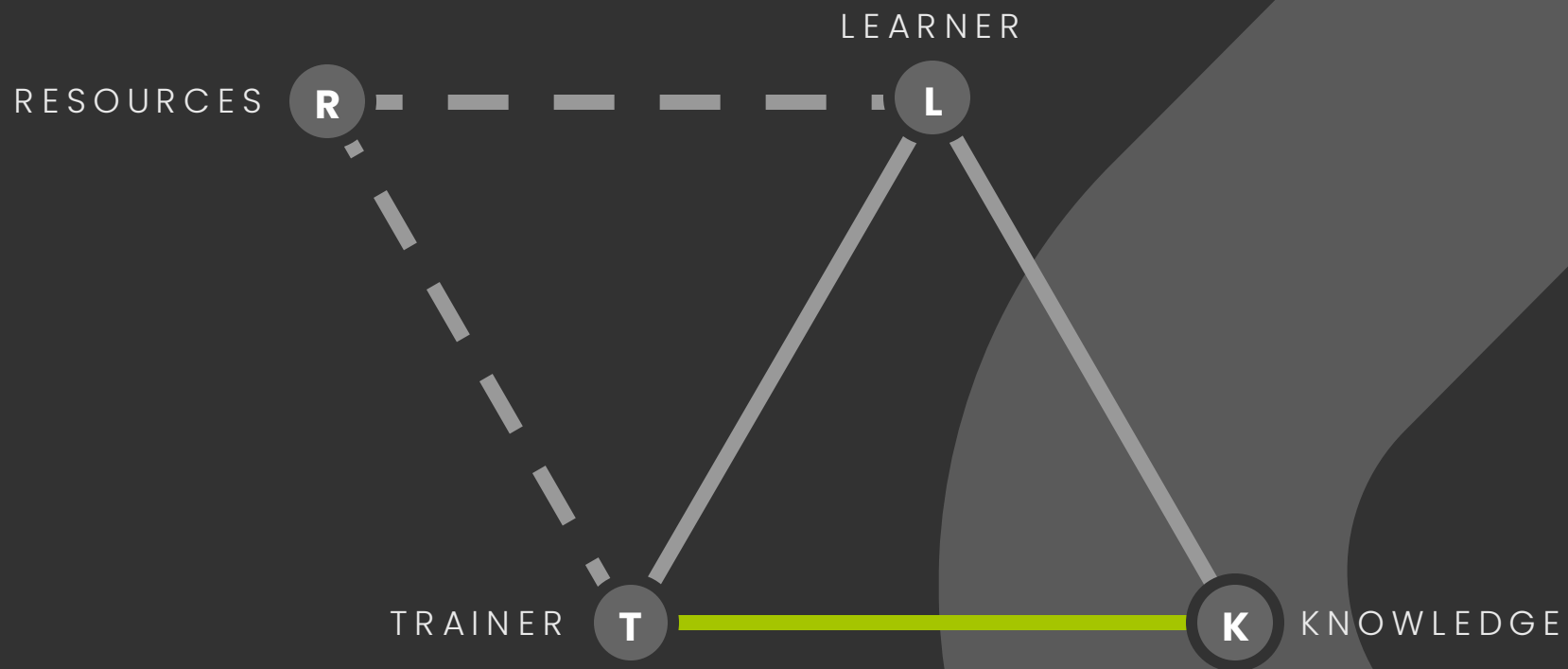




Pedagogical Ais Fresk

Use cases

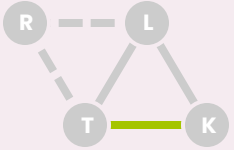




Didactic function

2023

Prompt library



CONTEXT

Thales wanted to harmonize and supervise the automated design of educational content.

TECHNOLOGIES



ChatGPT or
equivalent LLM

PROJECT

To this end, the company has created an in-house recipe book, which has now been made public:

1. Advice on the best way to interact with AI.
2. A list of risks and precautions.
3. Ready-to-use prompts following the ADDIE process: Analysis, Design, Development, Implementation and Evaluation.

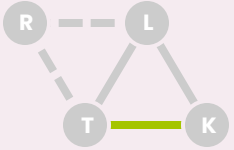
RESOURCE

Download the PDF "Thales ChatGPT Prompt Library for Learning" by clicking on the button. Contact [Isabelle Mancel](#) or [Stéphanie Pouchoy](#) if you have any questions.

[Download prompts library](#)

2024

Continuous improvement ^{1/2}



CONTEXT

A large training organization has over 2,500 training sheets written by different people over the years. This raises the issue of consistency and quality: how can 2500 sheets be harmonized and improved?

PROJECT

The training organization has set up an automated process for processing its training records:

1. All training sheets deposited in a shared folder are processed by the AI.
2. Objectives are extracted, corrected according to Bloom's taxonomy and new objectives are proposed.
3. Once finished, an alert is sent to a training engineer who validates and publishes the final result.

TECHNOLOGIES



ChatGPT or
equivalent LLM



Make or
equivalent

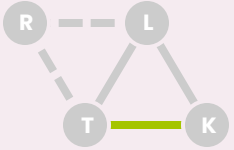
Prompt

On the following page, you'll find a prompt that can be reworked according to your context to replicate this case.



2024

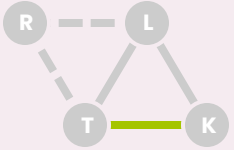
Continuous improvement ^{2/2}



You are an educational engineer with over 10 years' experience. Your job is to harmonize and improve the following training sheet. Extract the pedagogical objectives, reformulate them if necessary to align them with Bloom's taxonomy, and propose new objectives if the existing ones don't cover all the necessary dimensions. Then send me back a harmonized version of the training sheet, ensuring stylistic and qualitative coherence with the other sheets previously seen.

2023

Pre-training ROI



CONTEXT

A researcher wanted to know whether it was possible to measure the return on investment (ROI) of a training course **before** even investing in its design, and to do so in an automated way.

TECHNOLOGIES



ChatGPT or
equivalent LLM

PROJECT

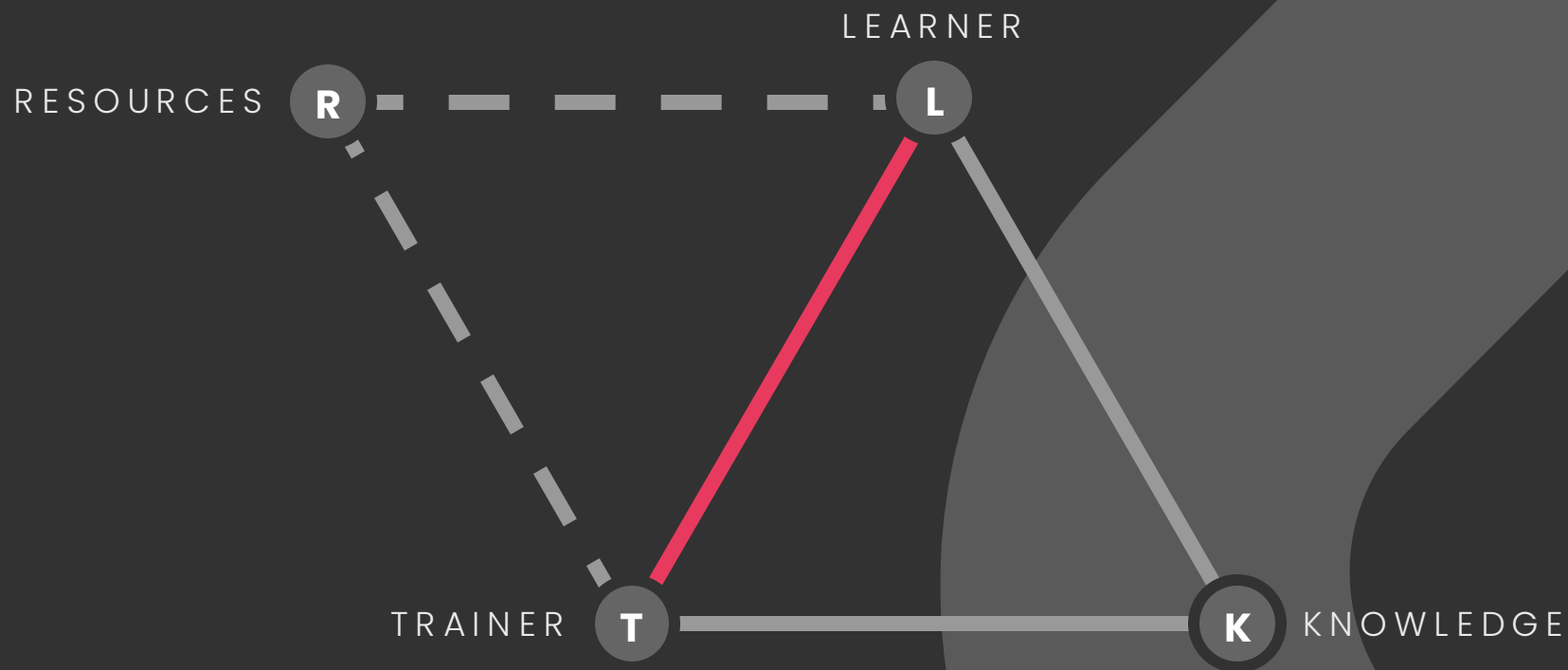
To do this, he uses the notion of "Scrap Learning", which represents the amount of learning that will not be applied in a work situation, i.e. the amount of money and time that will be lost.

To calculate this, he gives the AI an input description of the training program, the learners' profile and precise instructions on its calculation expectations. The advantage of this method is that it highlights points in the training program that can be improved to make it more concrete and practical for the target audience.

RESOURCE

The full prompt is available in Philippa Hardman's original article.

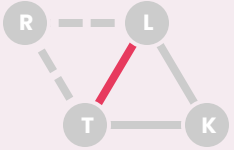
[Read the full article by Philippa Hardman](#)



Pedagogic function

2023

Automatic answering machine



CONTEXT

To improve the speed and availability of responses to his learners, one trainer set up a "learning concierge" system, automating a personalized response to his learners' questions.

PROJECT

Here's what the trainer has done to make himself "available" 24 hours a day:

- The learner sends a question by e-mail.
- An AI generates the answer from a knowledge base provided by the trainer.
- Another text-to-speech AI records the answer in the trainer's voice.
- The answer is sent to the learner.

TECHNOLOGIES



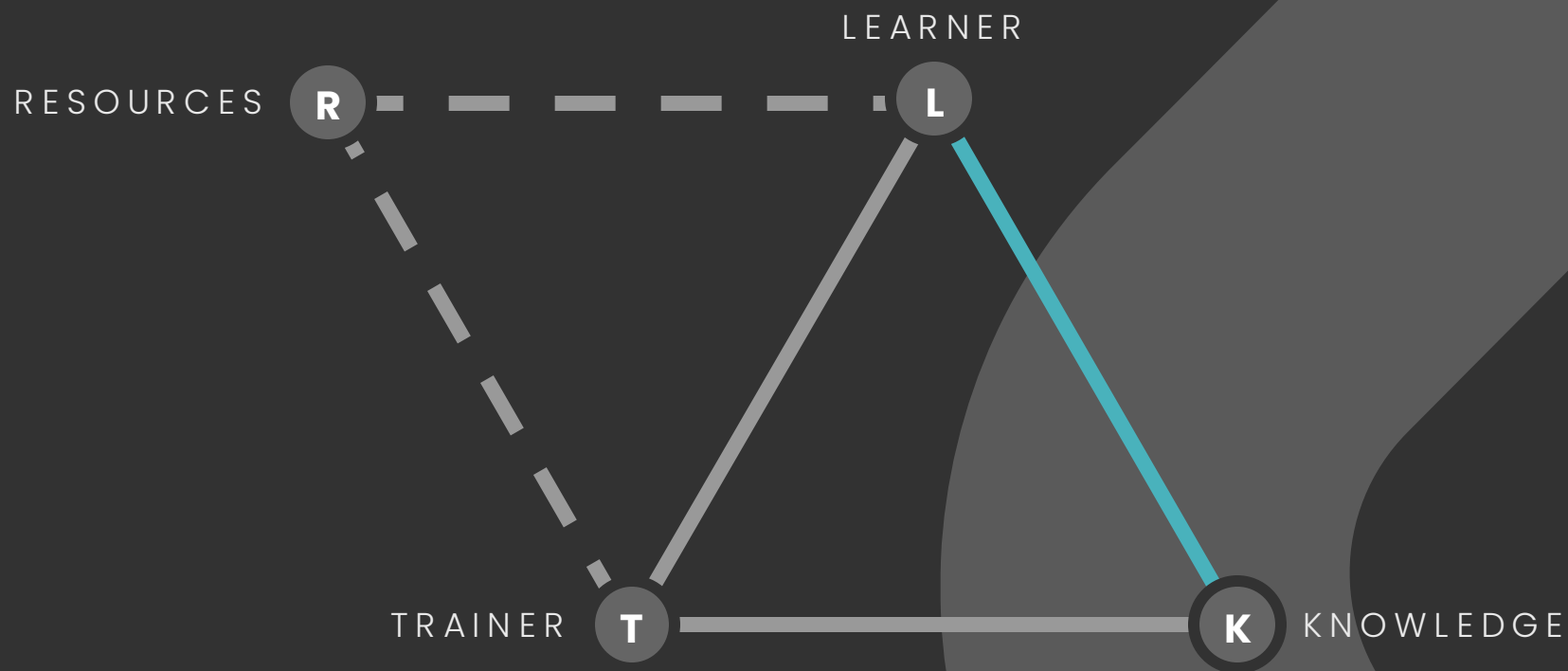
ChatGPT or
equivalent LLM



Make or
equivalent



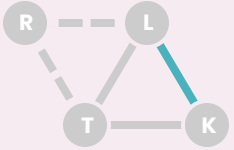
ElevenLabs or
equivalent



Mathetic function

2023

Optimized collaboration



CONTEXT

A major American university wanted to optimize interaction between its learners. But for each course, it could have several hundred learners enrolled without an increased teaching team.

PROJECT

To alleviate this problem, the university sought to optimize its pedagogy approach based on AI :

- Learning data is compiled to create a profile of each learner.
- The AI invites each learner to join a work group with different approach profiles, but similar levels.
- AI suggests ways for the group to optimize its interactions and facilitates group dynamics over the long term.

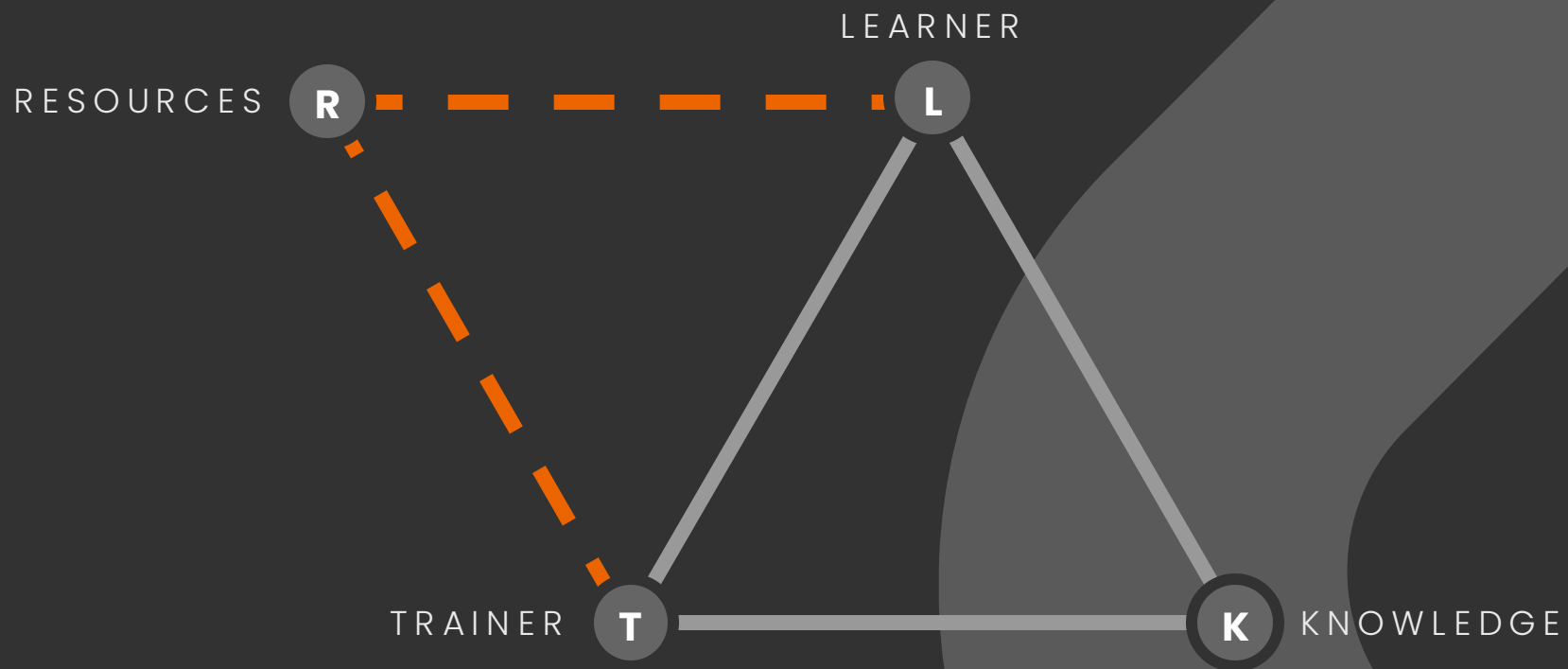
TECHNOLOGIES



Learning
Coach. learner
profile or
equivalent



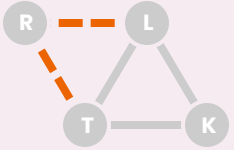
Specific dev.



Support function

2023

Smart feedback



CONTEXT

As part of a pairagogy program, an American university wanted to help students improve the quality and impact of the feedback they gave each other.

PROJECT

To do this, the AI in place checks that each feedback :

- contains suggestions for improvement ;
- is contextualized to the material being evaluated by checking lexical similarity;
- is specific to the material being evaluated, by comparing it with previous feedbacks.

TECHNOLOGIES



ChatGPT or
equivalent LLM



OpenAI
Embeddings or
equivalent

www.ressources.traindy.io