

LEC2LEARN



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Product summary

WHAT IS THE PRODUCT?

New way of defining learning objectives for
teachers and students

Try Pitch

Product summary

WHAT IS ITS MAGIC?

The use of AI and Fine tuned models for generating objectives from any inputs provided by the user

Try Pitch

What problem does this product fix?

Describe your product's primary objective. Establish its key values and explain how it solves the customer's problem.

Try Pitch

Key Values

✦ Learning Objectives Generator

✦ Input: Lecture Text

✦ Output: Learning objectives for teachers and students

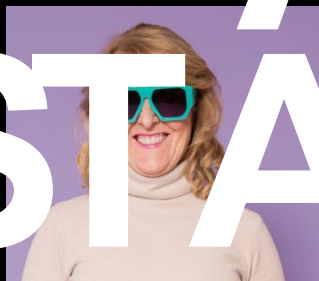
Today

The product today can take lecture notes as input and generate learning objectives

Future

We want the product to generate summaries and examples for learning objectives

WHO ARE OUR STAKEHOLDERS?



Meet our people

How we'll measure success

This is are our key performance indicators.

✦ Monthly recurring revenue (MRR)

✦ Traffic (paid/organic)

✦ Customer Lifetime Value (CLTV or LTV)

✦ Bounce rate

✦ Customer Acquisition Cost (CAC)

✦ Retention rate

✦ Daily Active User/Monthly Active User ratio

✦ Churn rate

✦ Session duration

✦ Customer Satisfaction Score (CSAT)

TECHNICAL WALKTHROUGH

Flow works like:

Html,JS => api request => flask => phi-1.5 => finetune=> api response => JS,HTML

- We start by obtaining all textbooks from opentextbookbc
- Process HTML to obtain the lecture and learning objectives
- We then have pairs of lectures with their corresponding question groups
- On the server we use Microsoft Phi 1.5 model and we fine tune it
- We fine tune on the opentext data which is used so that model gets better at generating learning objectives
- For the Prompt we give the lecture and learning objectives, we always start with Describe so model does not generate random data

Code Walkthrough & Demo

Link: <https://youtu.be/DBBLtmD0Rel>