innit

IMMERSIVE LANGUAGE LEARNING APP

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Problems

Learning is hard!

Teaching is hard!

Why, innit?

01

CUSTOM

Users will automatically receive recommended media every single day at their specific language level.

02

EASY

We extract the main vocabulary words, summarize content, and generate tests for users.

03

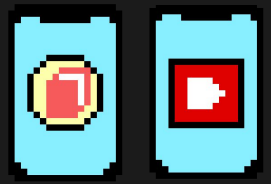
ADAPTIVE

We can track your performance over time and recommend harder media if you improve.

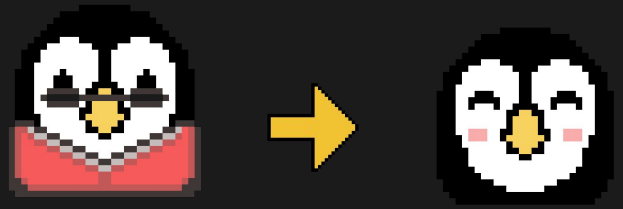
How it works

TAKE A DIAGNOSTIC TEST

MATCH WITH CONTENT



LEARN AND LEVEL UP!



Key Vocabulary
1) Known (Level 2)
2) Law (Level 1)
3) Aviation (Level 5)
4) Bee (Level 1)
5) Fly (Level 1)
…

Transcript | Summary

TRANSCRIPT:

[0:00] : According to all known laws of aviation, there is no way a bee should be able to fly.

[0:07] : Its wings are too small to get its fat little body off the ground.

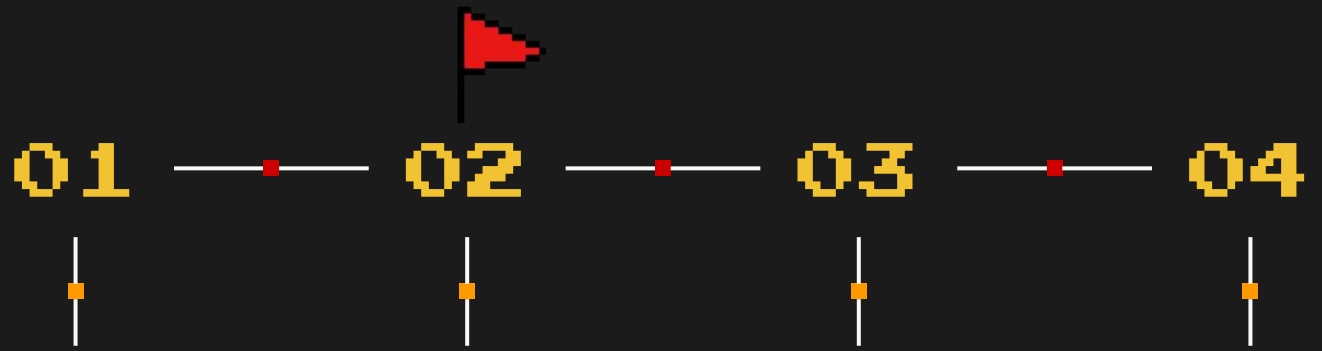
[0:11]: The bee, of course, flies anyway because
…

Generate QA

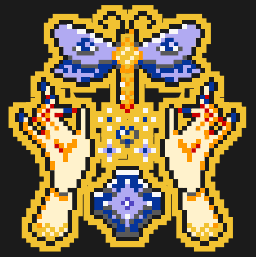
Scalability

DATA	Model is trained on open-source English texts from language learning websites. The users will receive carefully curated YouTube videos (with transcripts) and articles at their level.
MODEL	DeBERTa classification model to classify text into the 5 proficiency language levels.
EFFICIENCY	We use a smaller DeBERTa model for computational speed. It will be fine-tuned further through LLM-generated texts at each language level.
INFRASTRUCTURE	All software development is containerized in Docker containers. All data and model weights are stored in GCP buckets. Model experiments are tracked using Weights & Biases and model deployment is done using Vertex AI.

NEXT STEPS


01
02
03
04
Scrape and process labeled English texts
Build model to classify text difficulty
Design front end and deploy app
Expand scope to other languages and platforms

THANKS FOR PLAYING



Questions?