# Measuring writing skills in Spanish as a foreign language with generative artificial intelligence

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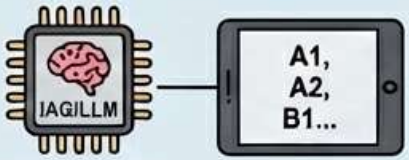
## THE CONTEXT AND THE CHALLENGE

### Challenge: Initial Assessment in SFL

Assessment of writing competence in Spanish for Erasmus students is laborious and slow at the beginning of the course.

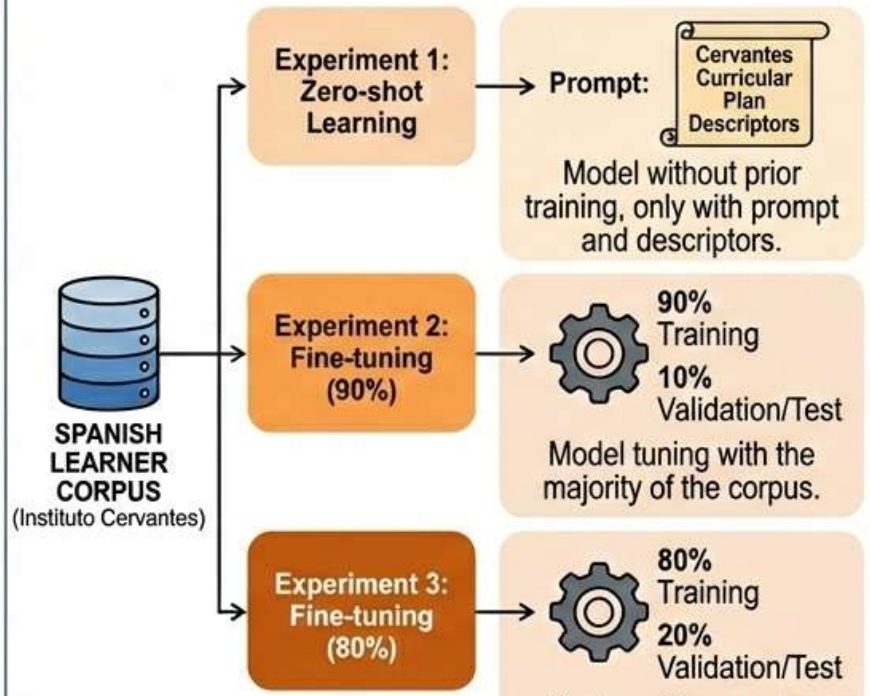
### Proposed Solution: GAI and LLMs




(like ChatGPT)

Use of Large Language Models (LLMs) to automate and streamline writing assessment.

## EXPERIMENTAL METHODOLOGY (3 PHASES)




## RESULTS AND CONCLUSIONS

### Results: Model Precision

Fine-tuned models identify the competence level with much higher precision.

### Impact and Conclusion

Streamlines initial assessment, reduces teaching load, and improves efficiency. GAI as a valuable complementary tool under pedagogical guidance.

**Conclusion: GAI (fine-tuned LLMs) is an effective tool for assessing writing in SFL, optimizing processes in multicultural educational contexts if guided by pedagogical criteria.**