ThinkAI Morocco

Welcome to our Hackathon! We are excited to have you here and can't wait to see what you will create during this event.

What is this event?

ThinkAI Morocco 2023 is a 3-days AI Hackathon co-hosted by **1337AI** and **Math&Maroc** which brings together talented teams of students from different Moroccan schools to compete in challenges that showcase their creativity and expertise. Over the course of the hackathon, participants will have the opportunity to develop new skills, collaborate with like-minded individuals, and create innovative solutions that could make a real difference in the world. Don't miss out on this exciting opportunity to be part of the future of AI in Morocco!

Thinkai | Ai Maroc Hackathon!

Everything you need to know:

📄 SIMLab Cluster

⭐ Challenges

NLP Challenge

The goal of this challenge is to train a language model useful to moroccans. It can be as generic as pretraining a model on a large Moroccan corpus or as specific as fine-tuning a model on a downstream task such as text summarization, translation, question-answering...

Note: **Participants must train/fine-tune a model, and present a useful use case.**

Diffusion Challenge

The goal of this challenge is to personalize a text-to-image diffusion model on **moroccan** concepts or style, that can be used for fashion, architecture or any other creative field. The model should be capable of **producing personalized** and culturally relevant images based **on input text**.

AI Product Challenge

The goal of this challenge is to develop a product that solves a real-world problem faced by Moroccans. Participants will be required to ideate, design, and develop a working prototype of their product using AI technologies - **without any need to train the model**. The product can be in any industry, including healthcare, education, finance, and agriculture.

🖌️ Judging criteria

The judges will evaluate the pitches based on:

- Technical complexity
- Creativity and originality of the solution
- Usefulness and relevance to Moroccan society
- Presentation and clarity of the final product

Mentors will also evaluate the participants throughout the hackathon based on:

- Quality of the code and documentation

Bonus points can be given for participants that account for:

- Robustness *of the models*
- *Ethical considerations*
- *Business potential*

Submission guidelines:

- On **Sunday morning at 9am**, the mentors will assess the cleanliness of your source code: minimal code duplication, well-organized code structure, etc.

- You must send us your **GitHub repo** and **presentation slides** by **Sunday, May 7th at 10h30am,** the github repo should include:

  - Challenge type: (NLP, Diffusion, AI Product)

  - Project description (which showcases a useful demo)

  - Source code / notebooks

  - Trained models (for NLP challenge, and diffusion challenge) or APIs used for AI Product Challenge

- At **12 pm,** each team will present their work in the form of a **short pitch (maximum of 2-3 minutes).**

📚 Ressources

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Training Slides