The future with AI (4)

14 dec., 18:00 – 20:00
Cluj-Napoca, Strada Teodor Mihali 62

> Host your own LLM

> Unlocking the Power of Machine Learning and AI with AWS

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Agenda

- Introduction

- AI News

- Host your own LLM

- (Break)

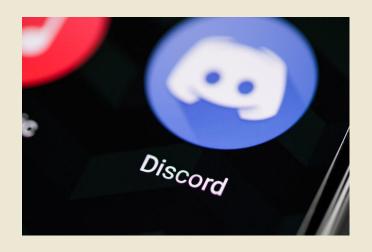- Unlocking the Power of Machine Learning and AI with AWS

- (Networking)

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Community news

- [GitHub repository](#) with all the codes an presentation

- [Discord server](#) (free to join) - https://discord.gg/qd687uSW

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AI News

- EfficientSAM (demo)

- Mixtral

- GitHub Copilot X / Intelij Assistant AI

- ChatBot Arena

- AI Boyfriend Sketch [youtube]

Host your own LLM

Why would you want this?

- No lock-in effect

- Stability

- Flexibility

- Access to hyperparameters

Solutions

- HuggingFace

- [LM Studio](#)

- [TextGen WebUI](#)

AI News (from last time)

- Code Llama

```
import torch
from transformers import pipeline

codellama = pipeline("text-generation",
                     "codellama/CodeLlama-7b-Python-hf",
                     torch_dtype=torch.float16,
                     device="mps")

codellama("Write a code snippet for fibonacci series",
          max_new_tokens=50,
          temperature=0.7,)
```

Lucian Revnic is software architect, AWS instructor, and recognized AWS Community Builder in Romania, boasting nearly two decades of expertise in crafting cutting-edge enterprise products within the realm of IT Operation Management.

As the organizer of the Transylvania Cloud Meetup group, Lucian is passionate about fostering local tech communities and has been delving into cloud technologies since 2015

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Thank you!