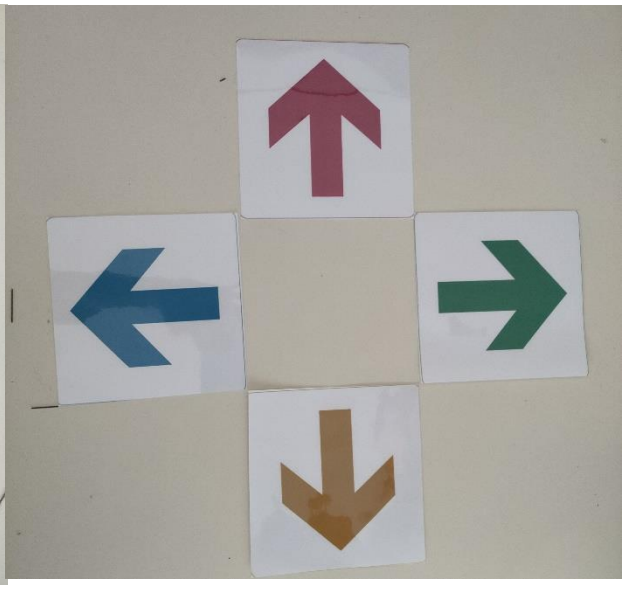
Séance 2:

We have received the materials:

- STM32H747I-DISCO
- Fan-out expansion Bord
- B-CAMS-OMV, camera module bundle for STM32 bord
- 4 arrows (red, blue, yellow and green)



I watch this video which explain how to train the neuronal network of your AI but the model training is in python.

AI on STM32: Computer Vision made simple with FP-AI-VISION1 and STM32Cube.AI:
https://www.youtube.com/watch?v=NDshmSH7WnA

I also watch the video which were in the guidebook that ST give us:

https://www.youtube.com/watch?v=ftM2D6qgrtI

STM32 FP-AI-VISION1 Video Application Notes: Part 2, FP-AI-VISION1 Overview - YouTube

We need to download:

- STM32Cube.AI, which is the AI expansion pack for STM32CubeMX:

https://www.st.com/content/st_com/en/products/embedded-software/mcu-mpu-embedded-software/stm32-embedded-software/stm32cube-expansion-packages/x-cube-ai.html?dl=su2LOrpSvfScaLOVlJAm%2Fw%3D%3D%2CFXQQJUW4XlT%2F2l68xGyn2YRXI4Wyy5afXAC

vXEjUl4otbzUiMGlaZQXxzeIEEW1MOHFSXKc4ZWy2E2zDnRseT5%2FXpXwAlW2t%2Bl%2FU3mBCh8qjv%2F71pn%2BIbz6wR34nzehIiFmhMHqMw0W1FxQqlLPCwKOLgICnyvT05vj%2FoOJ%2BaWdaIvFcaKfSLLUeQIK8T8%2FEaBamaUCAHJ5ollCw00d9TIwMZ744okkezCYAqbdKEHREdXQcByEzMIWD0mtn5fglC0jySnlZyQsxsp2k9ok67B19NP0u5oTkKIZzmnUOQZAkKMs5Psik0Xq%2BbnV0yRkJEjOuVl7taV8uwZcBW2wnIEdP67O3SJCbREkAwRw6Xko%3D&uid=RdaStBLsGpPJXk2qgAnmJaBBSrNbNCYh#get-software

- FP-AI-VISION1, which is the STM32Cube function pack for high performance STM32 with artificial intelligence (AI) application for Computer Vision

https://www.st.com/en/embedded-software/fp-ai-vision1.html