

Machine Learning: teach your computer to behave smart!

Exploring and Training session

Duration	1 hour 20 minutes	Mode	Online
Nr. of Facilitator(s)	1+3	Nr. of Participants	27
Session objectives	To present the theme of Artificial Intelligence and Machine Learning Followed by a workshop on exploring Machine Learning through training		
Room requirements	<p>Online format :</p> <ul style="list-style-type: none"> - Facilitator enabled to share screen, video and audio - Participants' video/audio activated (participants should test their video/audio prior to the training session) - Make all facilitators co-hosts so they can share the screen and manage participants too - Workshop part: split rooms facility mandatory : YES 		
Supplies and equipment	PC. HQ Internet connection. Webcam. Micro. ZOOM professional licence.		
Materials	<p>Preparatory material (<i>sent to participants prior the workshop</i>):</p> <ul style="list-style-type: none"> - participants invited to create account and practice on 'Teachable Machine' <p>Introduction part:</p> <p>https://ideaboardz.com/for/Artificial%20Intelligence/3577654 https://ideaboardz.com/for/Machine%20Learning%20/3577674</p> <p>Workshop 1: Machine Learning - Exploring and Training session - https://drive.google.com/file/d/1-N5eKrfyEkRIVdXlvOzaQPVLzGUXkKax/view?usp=sharing</p>		
Handouts	-		
Références	-		

Description

Include Instructions facilitators, step by step description, time schedule

Duration	Instructions
20 min	Introduction of the theme and facilitators to the participants. IdeaBoardz account
60 min	<p>Workshop 1 : ML - Exploring and Training</p> <p>Divide participants in 3 groups - Split the plenary into 3 breakout rooms Program 60 minutes countdown to be back in plenary on time Each group has 5 participants and 1 moderator Participants are invited to practice "Teachable Machine", a free tool by Google Creative Lab, which allows to train Artificial Intelligence to classify image, sounds and body poses. Model training for : - image recognition - body structures - sounds</p> <p>Each group worked on one model training exercise (individual and cooperative work), then shared in plenary.</p>
	Final restitution in plenary