A TUTORIAL ON CRAFTING TRAINING DATASETS AND DEVELOPING MACHINE LEARNING MODELS

Fran Martín

Product & Data @ 'earthpulse!

ABOUTME

Product & Data lead at EarthPulse, with the goal of bridging the gap between Earth Observation data and user needs.



OBJECTIVES

During the session, participants will explore the full workflow of using the Earth Observation Training Data Lab (EOTDL): from discovering and accessing curated training datasets in its cloud-based repository to leveraging pretrained machine learning models for tasks such as classification, object detection, and parameter estimation.

The demonstration will highlight how EOTDL's open and collaborative platform lowers the barriers to developing AI for Earth Observation, streamlining dataset creation, curation, and reuse.



https://github.com/fmariv/workshop-eotdl-bids25