Analytics Capabilities for Information superiority from overhead imagery

Company presentation for UniPD Data Science

STUDIOMAPP

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Satellite, aerial and UAVs imagery analysis
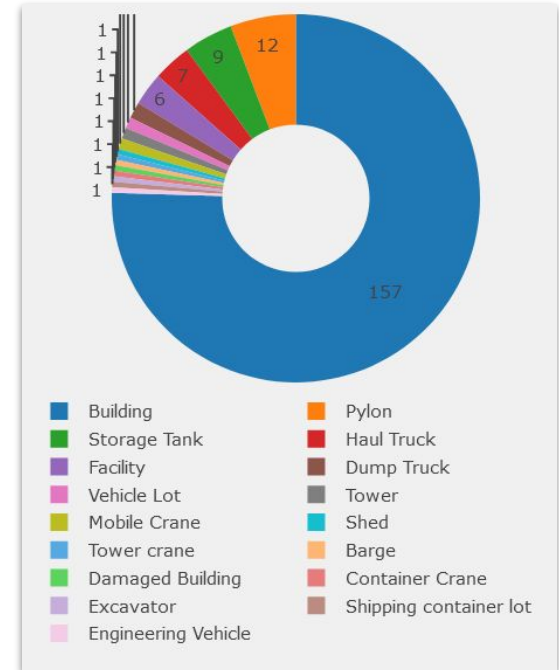
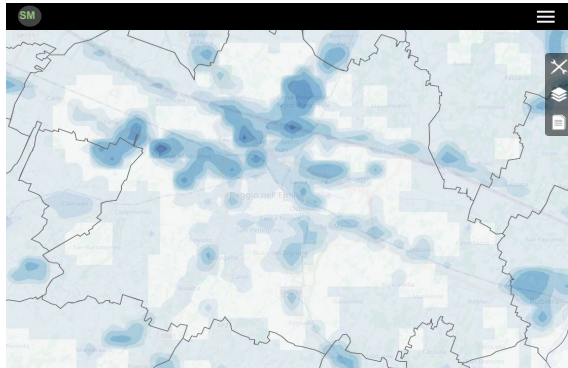## Illegal waste and dump

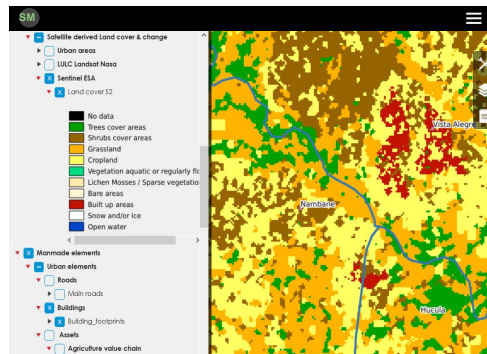## Vegetation monitoring

Data Visualization

Urban/Economic Indicators

Climate Change risks

Data Science fully remote internships 2023

Continual Learning

Make object detection knowledge acquired in a dataset (eg: from UAVs) transferable to other datasets (eg: satellite)

Object Detection and Segmentation in Space

Run ML/CV models on-board of satellites with limited computing resources

Adversarial Attack and fake data

Study physical and digital adversarial attack techniques in overhead imagery, including fake/artificial features and objects

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3D model generation from 2D images

Create a 3d representation from one or more images of the same object using deep learning

Time series analysis for anomaly detection and event predictions

Extract insights from a time series of overhead imagery for anomalies and event identification and predictions

Data Visualization

Improve the UI/UX experience to bring value from data by delivering relevant, timely and accurate information to the user

Let's accelerate the transition to a sustainable and safer future together

STUDIOMAPP

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