

# Analytics Capabilities for Information superiority from overhead imagery

Company presentation for UniPD Data Science

STUDIOMAPP

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# Studiomapp is on a mission to accelerate the transition to a sustainable and safer future

## FOUNDERS



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CEO



Angela Corbari  
COO

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# Satellite, aerial and UAVs imagery analysis

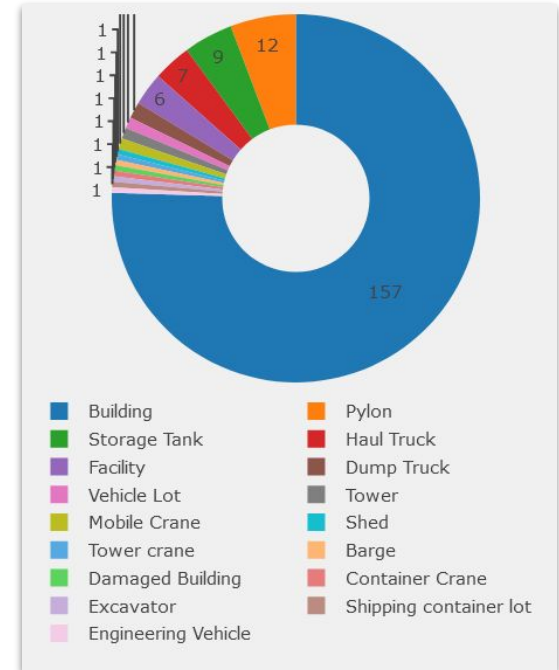
## Illegal waste and dump



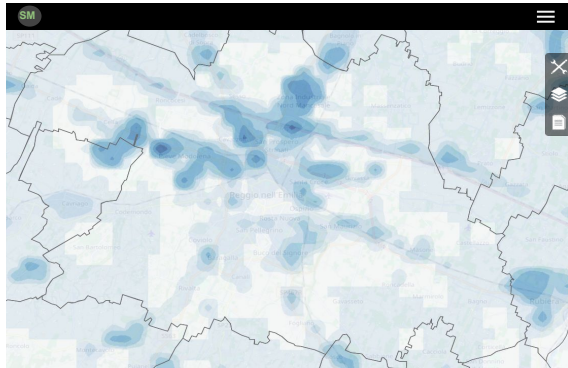
## Vegetation monitoring



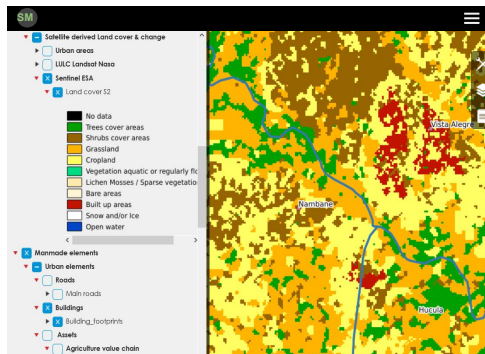
## Data Visualization



## Urban/Economic Indicators



## Climate Change risks



# Data Science fully remote internships 2024

## 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

## LLM for a “Queryable Earth” for Disaster Relief

Analyse satellite data and metadata for scenario analysis, with a focus on natural disaster and climate extreme events

# Data Science fully remote internships 2024

## 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

# How remote internship works in STUDIOMAPP

## Clear objectives and flexible time management

We define the objectives with minimum and optional/expected results based on your profile

Topics are business driven but research oriented

## We invest in your training and your future

Dedicated GPUs for your activities

Daily meetings for planning and feedbacks

Ad hoc meetings with our experts when needed

## Internship as a mutual growth opportunity

Advance Data Science in SpaceTech for sustainability and security on Earth

Hired 3 out of 4 UniPD Data Science students since 2021



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

STUDIOMAPP

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