

LiveEO Data Science challenge report

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1 Context

1.1 Goal

The goal of this challenge is to implement a machine learning model able to predict the type of a geographic area (forest, water, urban...) from Sentinel-2 satellite image scenes.

1.2 Resources

The Sentinel-2 (S-2) satellite is equipped with a Multi-Spectral Instrument (MSI) which can provide 13 spectral bands ranging from the visible range to the shortwave infrared, plus additional band outputs.

2 Strategy

3 Machine Learning model

4 Limits

5 Feedback

6 References