

Example of use of Artificial Intelligence : Foncier Innovant

Goal



- To detect taxable objects such as swimming pool that are not declared
- To consolidate our cadastral plan

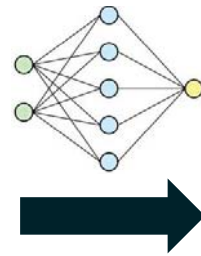
Data



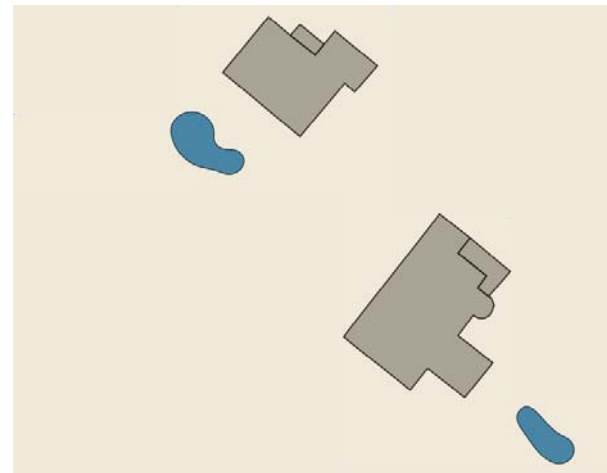
- IGN orthophotos : Open Data
- Cadastral plan data (under fiscal secrecy)

Physical entity extraction

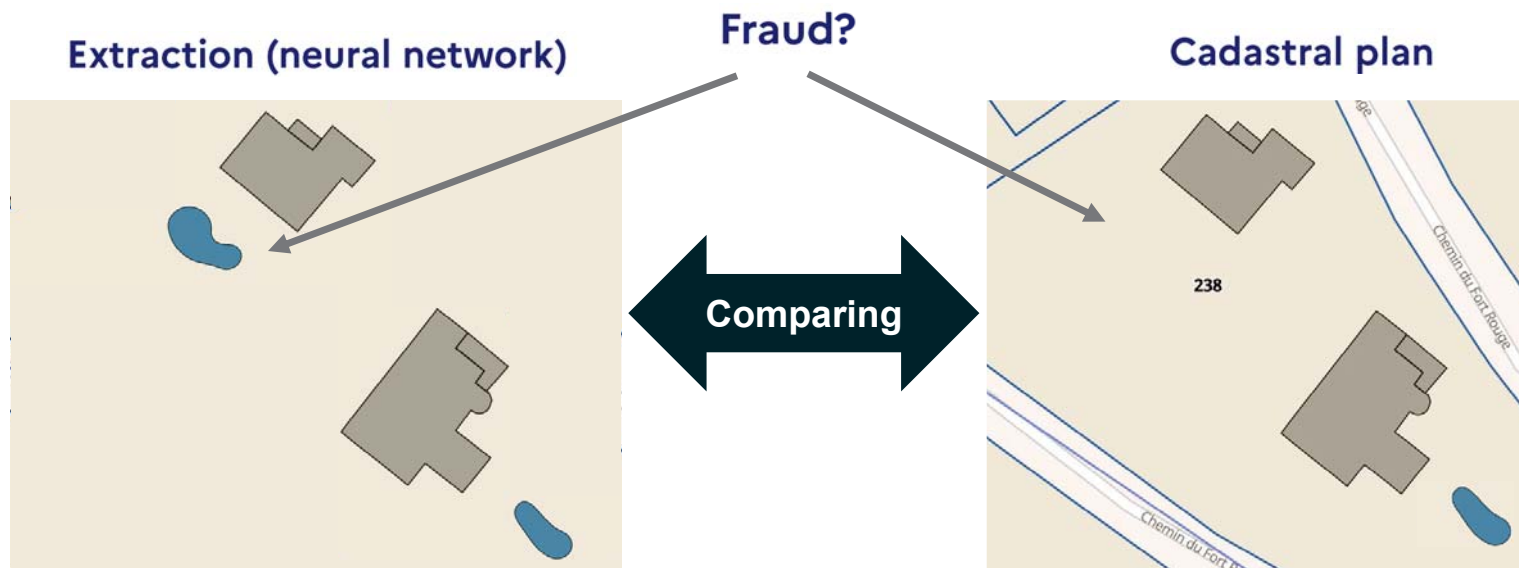
Satellite image (ign)



Extraction



Fraud detection



Fraud detection

32 000 supposed taxable swimming pools detected

23 000 are real positives -> 65% precision

deployment in roughly 15% of region 1st year

4.2 millions euros fiscal revenue 1st year

19,5 millions euros annual fiscal revenue projection