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Spatial Machine Learning modelling: End-to-End web App solution

Supervisor:

Author: Niccolò Salvini Dr. Marco DellaVedova

Assistant Supervisor:
Dr. Vincenzo NARDELLI

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Niccolò Salvini

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Introduction

We are living in the big data era, so we could be brought to think that evrething is a "one click" distant from us. Well, this is not totally true, moreover in some places this is truer. The main issue can be addressed to the lack of open data and the lack of relative infrastructure. This settings characterizes slow old economies and unfortunately Italy is one of them. Economies, and citizens on a later step, can largely benefit from public data and its usage. Some people in addition are in favour of the position that all data should be open. Since I am living in italy and my (Lovelace et al., 2019) goal is to an (Vaughan and Dancho, 2018) alyse market

Literature

Here is a review of existing methods. (Lovelace et al., 2019; Wickham, 2019)

Methods

We describe our methods in this chapter.

Applications

Some significant applications are demonstrated in this chapter.

- 4.1 Example one
- 4.2 Example two

Final Words

We have finished a nice book.

Bibliography

Lovelace, R., Nowosad, J., and Muenchow, J. (2019). Geocomputation with R. CRC Press.

Vaughan, D. and Dancho, M. (2018). furrr: Apply Mapping Functions in Parallel using Futures. R package version 0.1.0.

Wickham, H. (2019). rvest: Easily Harvest (Scrape) Web Pages. R package version 0.3.5.