

Recycling in Porto, PT

A study presented by Karen Pereira
as final assignment of Applied Data Science Capstone

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WHY?

Home waste recycling is
still low in Portugal

If we understand the
differences between
cities, we can plan better
strategies to apply to
each one

Public datasets used
retrieved from

dados.gov.pt

[Pordata.pt](https://pordata.pt)

Multiple Linear Regression

Classification

HOW?

Diving into 2018's
demographics and family's
waste data

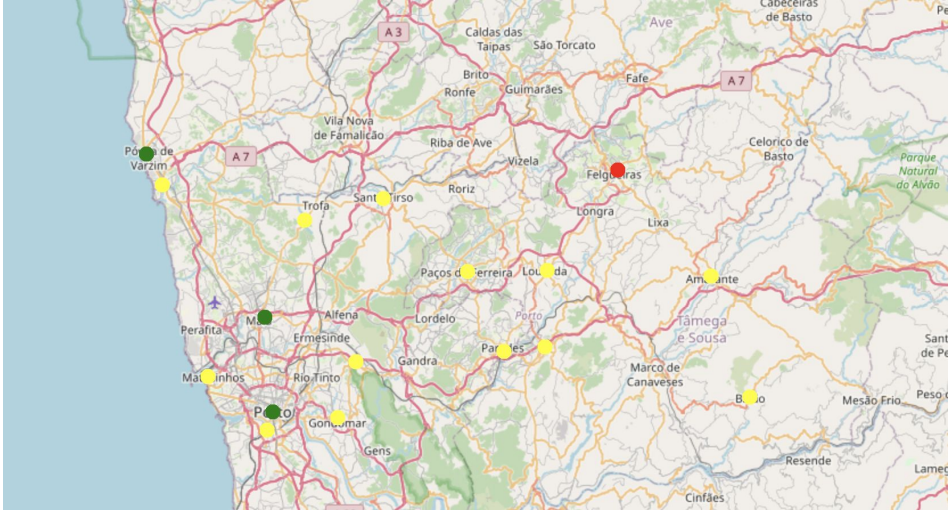
WHAT?

Different KPIs cannot
predict recycling
behaviour the same way

Using MLR cannot be used
the same way to all
variables analyzed

Housing prices and City
spent on culture & sports
led to good predictions on
amount of waste recycled
by citizen

Short datasets might have
affect results



Categorizing cities to see the best recyclers in Porto District

Thank you!