

# Context of the Application

## Common work with geographers

*Clustering patterns of urban built-up areas with curves of fractal scaling behaviour. Thomas, I., Frankhauser, P., Frénay, B., Verleysen, M. Environment and planning B 37 (5), 942, 2010*

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## Problem statement

- geographers wanted to get knowledge about cities
- stated in machine learning terms
  - each city is represented as a curve
  - the goal is to find groups of cities