



Capstone Project

The Battle of Neighbourhoods

Data Description

Data description: availability

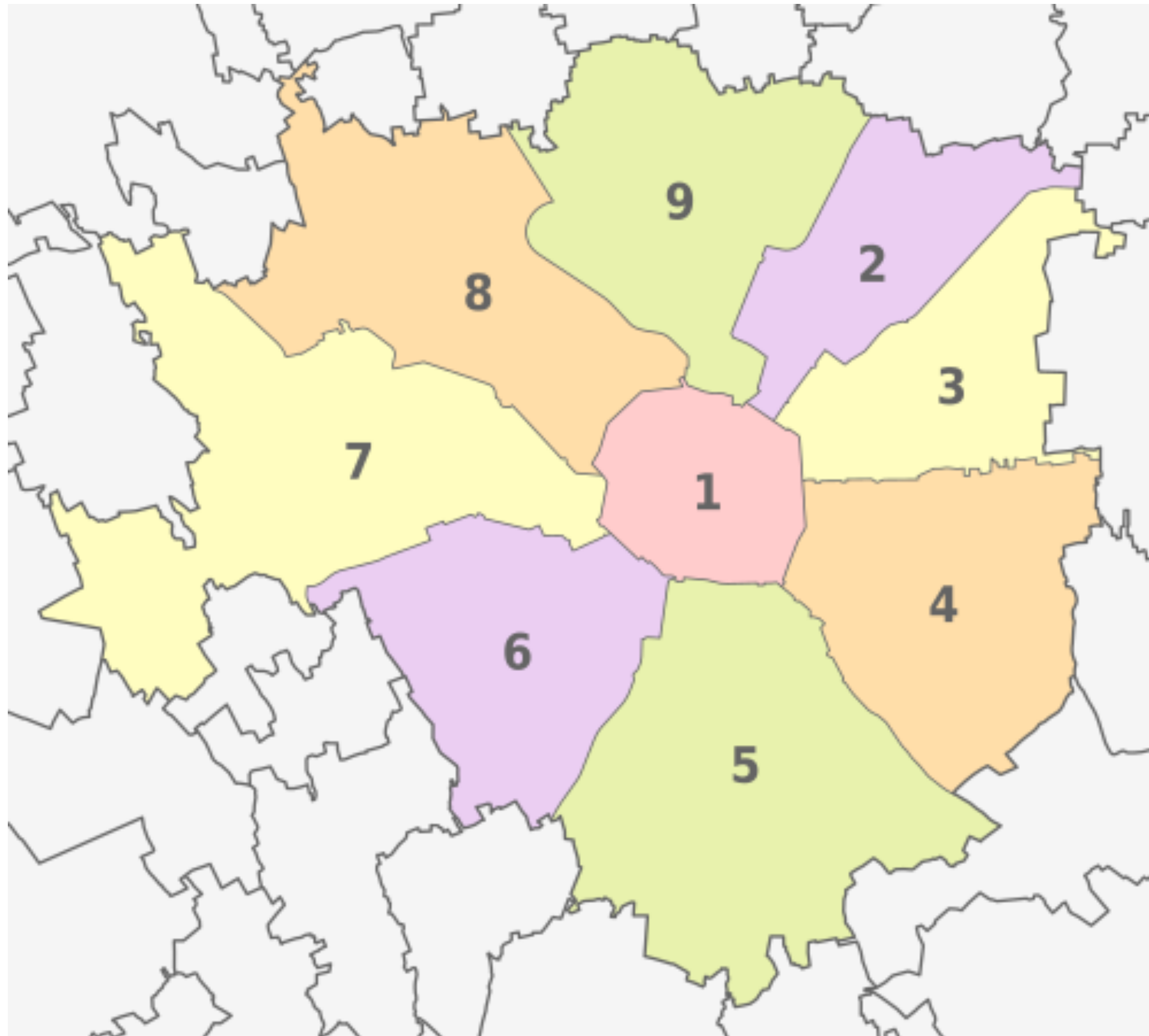


The municipality of Milano, provides a web portal where it is possible to have access to several dataset: <http://dati.comune.milano.it/>

Data are available in different format:

- o csv
- o JSON
- o Geojson

Data description: milano division



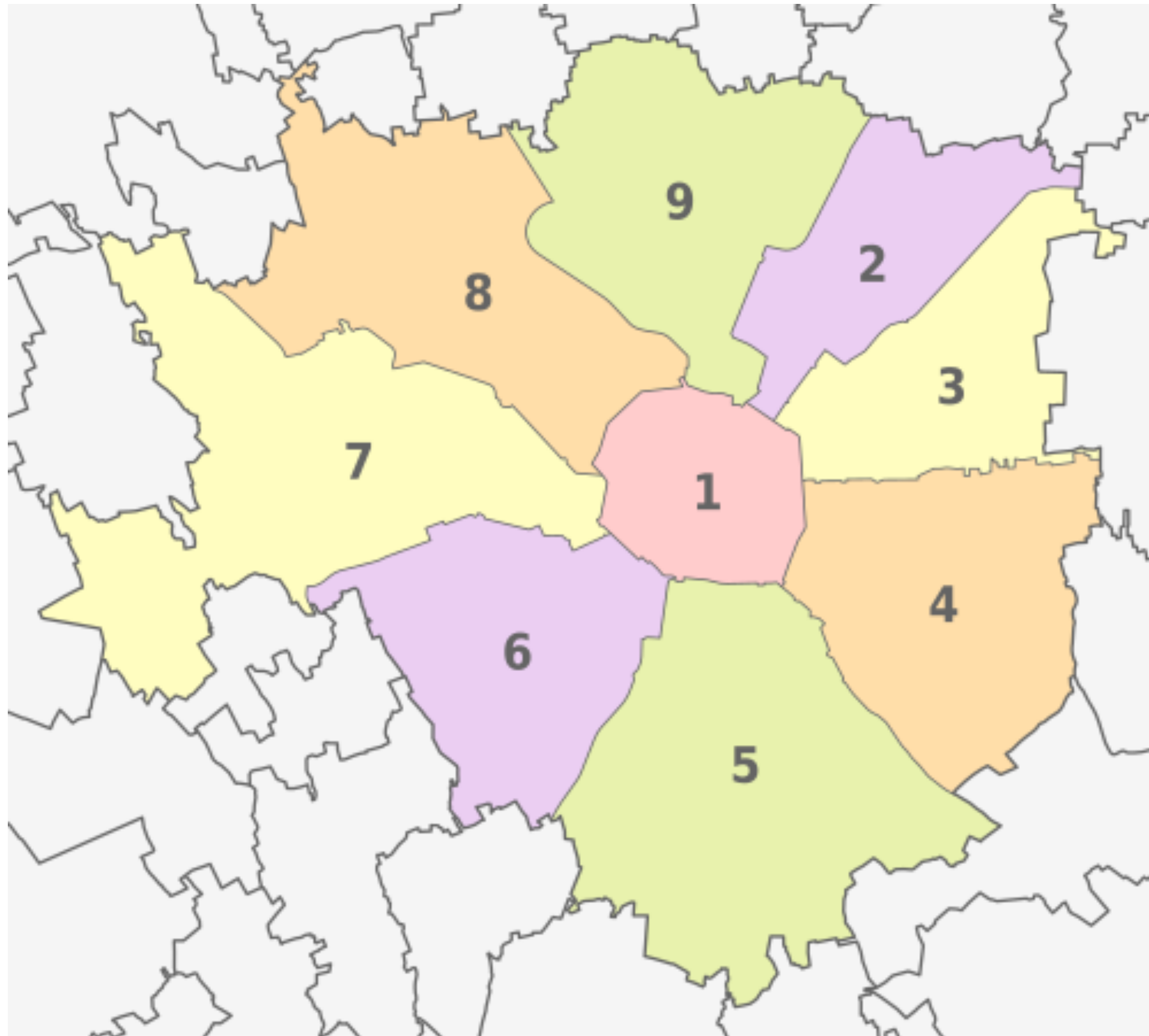
The municipality of Milan is divided into 9 municipalities. Each municipality contains a variable number of neighbourhoods.

This is the administrative division of the municipality.

From the point of view of the population and services census, Milan is divided into 88 NIL (local identity nucleus), and all available data refer to this variable.

Therefore we take NIL as Neighbourhoods, and municipality as Borough

Data description: family-friendly concept



In order to find which is the neighbourhood most family friendly, following some surveys results found in the web, we took into the account following parameters:

- Number of schools
 - Kindergartens
 - Primary Schools
 - Secondary Schools
- Number of Paediatricians

Once we have ranked neighbourhoods, we use Foursquare venues location in order to clustering that and to find the place which fits also parents expectations and needs.

Data description: link to sources

Kindergartens:

http://dati.comune.milano.it/dataset/836d6a8c-c266-43bf-a3e4-16f382c4d9d8/resource/11e0d884-5032-4244-b79a-3567ce3efd2e/download/ds297_infanzia_quartiere-cittad.csv

Primary Schools:

http://dati.comune.milano.it/dataset/c3709838-21c8-4ddb-a910-dff6455894bb/resource/d9a5ed54-b8cd-4a04-b07b-914e10849c54/download/ds298_primaria_quartiere-cittad.csv

Secondary Schools:

http://dati.comune.milano.it/dataset/28f7446d-7016-454d-9d27-781300a7ef38/resource/25c1faad-a14c-4fab-bc9c-010172beec9f/download/ds299_secondaria-i-grado_quartiere-cittad.csv

Paediatricians:

http://dati.comune.milano.it/dataset/b48fdaec-a868-47a8-8b59-fc9ed65c84a4/resource/22b05e1f-c5d2-4468-90e5-c098977856ef/download/ds235_sociale_pediatri_libera_scelta_2014_.csv