Context

The energy network of the Netherlands is managed by a few companies. Every year, these companies release on their websites a table with the energy consumption of the areas under their administration. The companies are

Enexis

Liander

Stedin

Enduris

Westlandinfra

Rendo

Coteq

The data are anonymized by aggregating the Zipcodes so that every entry describes at least 10 connections.

This market is not competitive, meaning that the zones are assigned. This means that every year they roughly provide energy to the same zipcodes. Small changes can happen from year to year either for a change of management or for a different aggregation of zipcodes.

Content

Every file contains information about groups of zipcodes managed by one of the three companies for a specific year.

Acknowledgements

All the data are taken from the following websites:

<https://www.enexis.nl/over-ons/wat-bieden-we/andere-diensten/open-data>

<https://www.liander.nl/partners/datadiensten/open-data/data>

<https://www.stedin.net/zakelijk/open-data/verbruiksgegevens>

<https://data.overheid.nl/dataset/enexis-verbruiksdata> (up to 2016)

<https://www.enduris.nl/over-enduris/energietransitie/open-data.htm>

<https://www.westlandinfra.nl/over-westland-infra/open-data>

<https://www.rendonetwerken.nl/algemeen/opendata/disclaimer/beschikbare-data/>

<https://coteqnetbeheer.nl/Over-Coteq/Open-data>

Some processing was made with the code available at: <https://github.com/lucabasa/kaggle_dutch_energy/blob/master/raw_data_cleaning.ipynb>

The translation of the column names and descriptions was made by a non-native speaker.

Inspiration

How are the smart meters spreading? (Как распростроняются умные счетчики?

What is the trend of home-produced energy? (solar panel) Какова тенденция развития отечественной энергетики?

Can we see if there are many electric cars in a neighborhood? Можем ли мы увидеть как много в районе электромобилей?

What is going to be the energy consumption the next year? каким будет потребление электроэнергии в следующем году?