**Dataset: data\_nts4\_2019.csv**

The dataset *data\_nts4\_2019.csv* has a panel structure: the data is collected successively for 380 units - poviats (NTS4) in 12 consecutive periods of time (years 2006 - 2017). The data is sorted first after years, then by unit ID (blocked in *year* groups). The data contains 4560 rows and 39 columns, which gives a total of 177.840 observations. Territorial units - poviats - are ordered as in a poviat map, which is defined by the *ID\_MAP* variable.

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| **Variable name** | **Description** |
| ID\_MAP | Order of spatial units as in shapefile |
| code\_GUS | Code of poviat given by GUS (Polish Statistical Office) |
| poviat\_name1 | Name of poviat (with info on region for duplicated names) |
| poviat\_name2 | Name of poviat (no info on region for duplicated names) |
| subreg72\_name | Name of subregion (division into 72 territorial units) |
| subreg72\_nr | Number of subregion (division into 72 territorial units) |
| region\_name | Name of region (voivodship) |
| region\_nr | Number of region (voividship) |
| year | year |
| core\_city | Core city of region (1=yes, 0=no) |
| dist | Distance from poviat to core regional city |
| XA01 | Total own revenues |
| XA02 | PIT (Personal Income Tax) revenues |
| XA03 | CIT (Corporate Income Tax) revenues |
| XA04 | Total revenues |
| XA05 | Investment expenditures |
| XA06 | Inhabitants total |
| XA07 | Inhabitants in pre-productive age <17 |
| XA08 | Inhabitants in productive age |
| XA09 | Inhabitants in post-productive age |
| XA10 | Inhabitants per 1 km2 |
| XA11 | population density of built-up and urbanized area (people / km2) |
| XA12 | Registered unemployed labour force |
| XA13 | Firms per 10 thous. Inhabitants in productive age |
| XA14 | Salaries Poland=100% |
| XA15 | Employed in total |
| XA16 | Employed in agriculture, forestry, hunting and fishing |
| XA17 | Employed in industry and construction |
| XA18 | Employed in trade, repair of motor vehicles; transport and storage; accommodation and gastronomy; information and communication |
| XA19 | Employed in financial and insurance activities; real estate market service |
| XA20 | Employed in other services |
| XA21 | Unemployment rate |
| XA22 | Unemployment rate Poland=100% |