CSV into geojson file convertor

Use this page to convert your CSV file into a geojson file. This should be always done when the data from the web map needs to be updated. To do that, please take into account following considerations:

* The CSV must use semicolons as a separator Maybe I will change the script, so that it can read both commas and semicolons in the
* The decimal numbers must be separated by a dot (.) instead of a comma (,). E.g. when working with German computers, open the csv file with a text editor (other than excel) and replace every comma with a dot.
* No thousands separator should be used! (e.g., use “1000” instead of “1,000”)
* To read the data contained in the document correctly, please enter the information below regarding the columns headers and numbers in the CSV.  
  **This is necessary, because the map uses fixed names and any changes in the original data file hinders a correct rendering of the data on the map.**
* You can test the resulting geojson file via several online solutions, e.g.: [geojson.io](https://geojson.io/#map=2/0/20)

Alternatives to convert the CSV

If the steps above do not work, you can alternatively use the following [link](https://www.convertcsv.com/csv-to-geojson.htm), to convert the csv into a geojson file.   
The solution provided with this website, in case the link mentioned above does not provide the service anymore.

Some more useful information

If you open the developer tools (F12) and open the console, you will get some useful information:

* After converting the CSV, the console will tell you which rows could not be processed.   
  Those rows DO NOT contain geo-information (latitude/longitude is missing)
* After the conversion, you can either download the geojson-file directly (button will appear below, after you successfully converted the file)or you can copy the resulting json file from the console ("copy object") and paste it into the existing geojson-file.  
  I suggest, that you "test" the geojson with the website above (geojson.io) so that it makes the geojson appear more "readable".
* Please be aware that you should not rename the geojson file, because the map looks for "argentina\_emissions.geojson"
* Also, the location of the saved file is important. The geojson-file must be placed in the parent folder, together with the "index.html" and "main.js"

## Types of industries used in the map

Unfortunately, the map is "hard-coded" regarding the number of industries and their naming.  
It is therefore crucial, that the TYPE OF INDUSTRYs used are named like this:  
(The colors correspond to how they will be grouped/shown on the map) Ammonia Etileno Methanol Aluminium Steel Cement Pulp and Paper Refinery Fossil Thermal Power Plant Biogas Power Plant Bioethanol Biomass Power Plant

### **Convert the csv file**

Please select and upload the csv.

The headers of the table containing all information are listed below. Please check if the header if each column and column numbers from the new csv coincide with the default configuration given below. If not, please correct them in the corresponding field.