

Description of the database

This data set consists of the information extracted from the "Fuel Prices" information system. It concerns the gas stations selling more than 500 m3 of gasoline per year in France and referenced on the website (www.prix-carburants.gouv.fr).

The data includes :

- ❖ General information on the point of sale : address, geographical coordinates, opening hours and services offered;
- ❖ Prices and information in the information system ;
- ❖ Fuel stockouts
- ❖ Permanent or temporary closure of sales outlets

The data is provided in an XML file and is presented as a list of retail fuel outlets. We present in the following table, the different variables includes in the data set, their types and their descriptions.

| Name of variables | Type | Description |
|----------------------------------|--------|---|
| Pdv_list | List | List of retail fuel outlets |
| pdv | List | A retail fuel outlets. All stores contained in pdv_list are indexed by "pdv" |
| Variables includes in pdv | | |
| .attrs | vector | Contain some information about the location of the store (id, latitude, longitude, cp, pop) |
| id | string | ID of the outlet |
| latitude | string | Latitude (geographic coordinate) to be divided by 100000 to get the latitude in GeoDecimal coordinates (WSG84) |
| longitude | string | Longitude (geographic coordinate) to be divided by 100000 to get the latitude in GeoDecimal coordinates (WSG84) |
| cp | string | Postal code |
| pop | string | Presence of the station (A = highway, R= road) |
| adresse | string | Address of the sales outlet |
| ville | string | Name of the city where the sales outlet is located |
| ouverture | vector | Opening hours. The names of the attributes it contains are : debut, fin, saufjour |
| debut | String | Opening hour (hh:mm) |
| fin | string | Closing hour (hh:mm) |
| saufjour | string | Closing day(s) (Lundi, Mardi, Mercredi, Jeudi, Vendredi, Samedi, Dimanche) |
| services | list | List of services offered by the sales outlet |
| service | string | Name of a service offered by the outlet. All services are indexed by "service" in the list |
| fermeture | vector | Closing of the sales outlet. It contains as attributes : type, debut, fin |
| type | string | Type of closure (temporary or permanent) |

| | | |
|---------|--------|--|
| debut | string | Closure start date (AAAA-MM-JJ HH:mm:ss) |
| fin | string | Closure end date (if temporary) (AAAA-MM-JJ HH:mm:ss) |
| rupture | vector | Out of stock or non-distribution of a fuel |
| id | string | ID of the fuel in shortage |
| nom | string | Name of the fuel in shortage |
| debut | string | Start date out of stock (AAAA-MM-JJ HH:mm:ss) |
| fin | string | End of stock date (if informed) (AAAA-MM-JJ HH:mm:ss) |
| Prix | vector | Price of a fuel. Each modification of price is registered as an attributes "prix" of "pdv" |
| nom | string | Name of the fuel |
| id | string | ID of the fuel |
| maj | string | Date of last update (AAAA-MM-JJ HH:mm:ss) |
| valeur | string | Price of the fuel in Euros multiplied by 1000 |

The data does not contain information on the type of retailer (supermarket, oil company, independant retailer) or the name of the brand to which the station belongs.