

Gasolineras

Exploiting Spain's open data :
the price of petrol

kevin@saliou.name



This is old stuff

...which I'm trying to relaunch

How it started?

- When : **2013**, Where : **Barcelona**
- Simple need : where is the closest gas station?
- Official open data available
 - Very poor map interface
 - A few apps out there giving as a better alternative
 - but only in a badly formatted **CSV** file (or its XLS version)
 - **Semi-structured data**
- Goal : provide a **web app** to “properly” present the data
 - 1st : export to **json** & **geojson**
 - 2nd : present the data (with **Gitspatial** to only download local subsets)
- Could not find similar data in France...

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Geoportal

geoportalgasolineras.es/#/inicio

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Ayuda | Contacto | Preguntas frecuentes | Inicio Sesión



Inicio | Descargar ficheros | Planes de descuento | Envío precios | Informes mensuales | Premios | Geoportales europeos

Búsqueda

Tipo de búsqueda
Estaciones de servicio

Provincia *
Seleccione

Localidad
Seleccione

Tipo de carburante *
Seleccione

Venta
Venta al público

Rótulo

☐ Planes de descuento

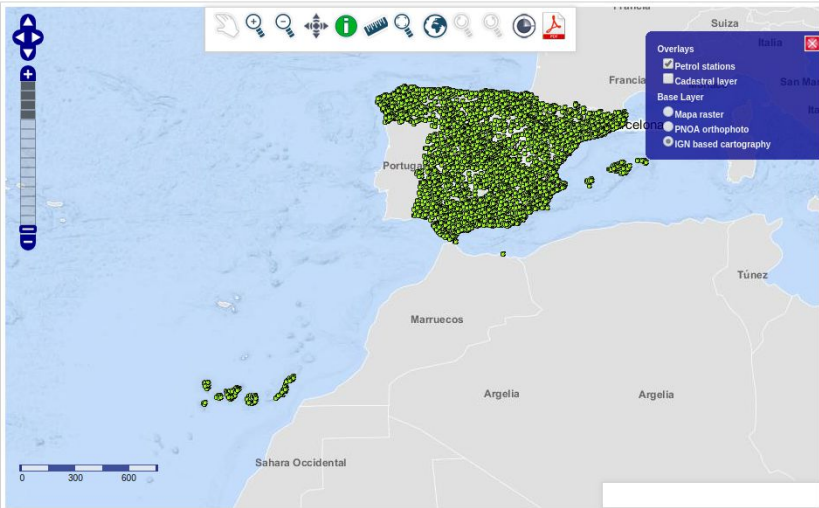
+ Búsqueda horaria

+ Búsqueda avanzada

Buscar

*campo obligatorio

El Geoportal en el móvil



Fuente: Datos del Ministerio de Energía, Turismo y Agenda Digital. La información publicada en este sitio web tiene únicamente carácter informativo y no constituye una comunicación de actos administrativos ni comunicados oficiales. Esta información se actualiza cada cinco minutos de manera automática con los datos enviados por parte de los sujetos obligados.

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Precio de carburan... x

Secure | https://sede.minetur.gob.es/es-ES/datosabiertos/catalogo/precios-carburantes

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 GOBIERNO DE ESPAÑA
MINISTERIO DE ENERGÍA, TURISMO Y AGENCIA DIGITAL

SEDE-e
Sede electrónica del Ministerio

Introduzca texto

Inicio ¿Qué es la SEDE? Procedimientos y servicios Electrónicos Perfil de Contratante Firma Electrónica Notificaciones Electrónicas Datos Abiertos

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Recomendar

Twitter

Google+

Estás en: Inicio > Datos Abiertos > Catálogo de datos > Detalle del conjunto de datos

Precio de carburantes en las gasolineras españolas

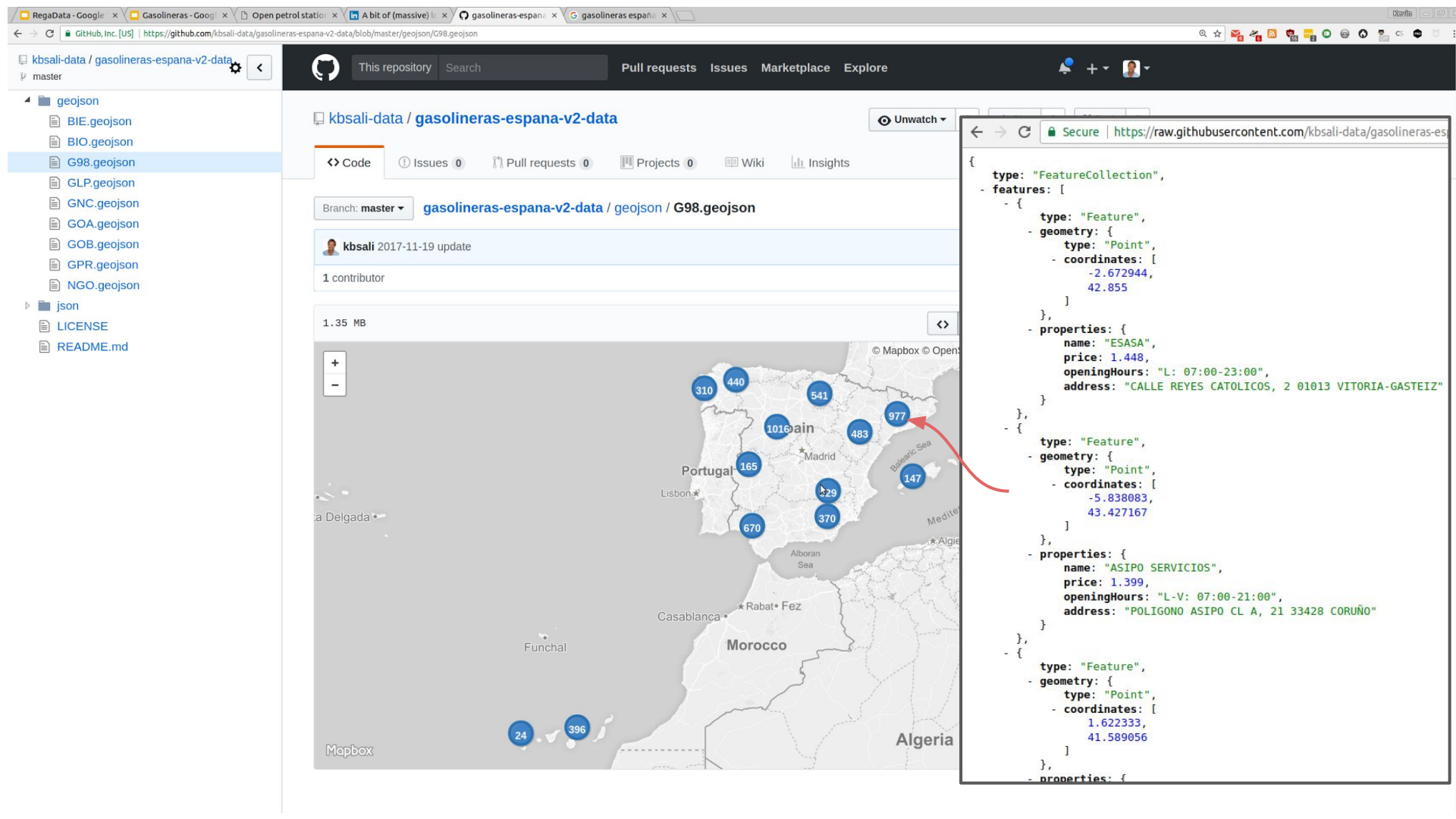
★★★★★ (27 valoraciones)

Descargar datos

| | |
|--|---|
| Planes de descuentos | CSV |
| Descarga de ficheros para móviles y dispositivos GPS, KML, Planes de descuento, Precios actualizados | HTML |
| Geoportal. Precio de carburantes en las gasolineras españolas | HTML |
| Precio de carburantes en las gasolineras españolas: Servicio REST | JSON |
| Información adicional | Operaciones de servicio estaciones terrestres |
| Precio de carburantes en postes marítimos: Servicio REST | JSON |
| Información adicional | Operaciones de servicio postes marítimos |
| Precio de carburantes en las gasolineras españolas. Descarga de fichero KML (XML) para Google Earth | KML |
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| Servicios WMS sobre planes de descuento | WMS |
| Servicios WMS sobre estaciones de servicio | WMS |
| Servicios WMS sobre postes marítimos | WMS |
| Planes de descuentos | XLS |
| Precio de carburantes en las gasolineras españolas | XLS |
| Precio de carburantes en postes marítimos | XLS |
| Precio de carburantes en las gasolineras españolas. Servicio | WMS |

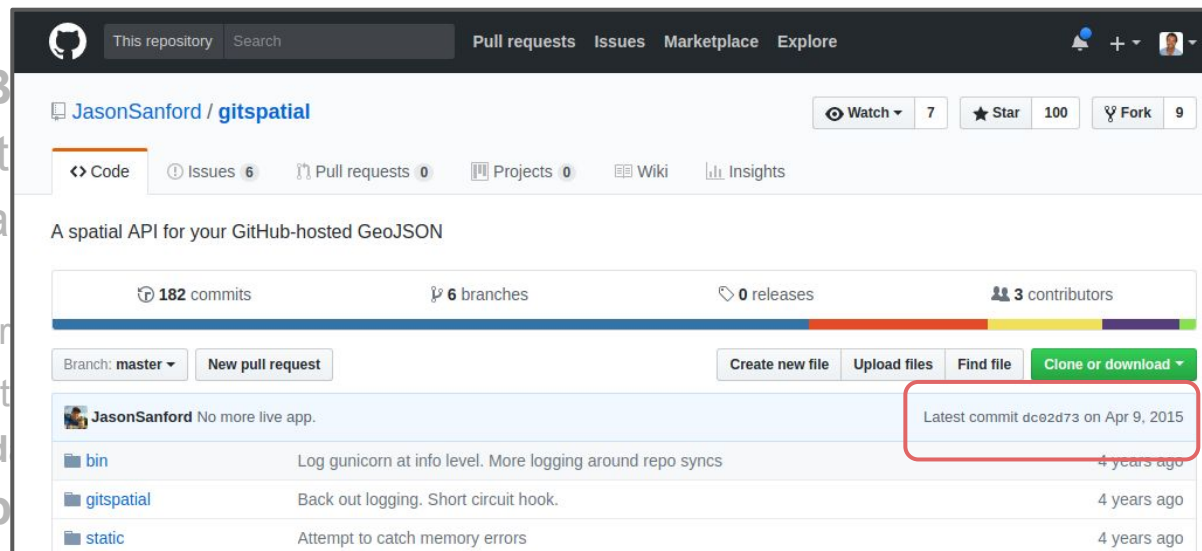
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Geoportal. Precio de carburantes en las gasolineras españolas

Precio de carburantes en las gasolineras españolas: Servicio REST

Operaciones de servicio estaciones terrestres

Información adicional

Precio de carburantes en postes marítimos: Servicio REST

Operaciones de servicio postes marítimos

Información adicional

Precio de carburantes en las gasolineras españolas. Descarga de fichero KML (XML) para Google Earth

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Servicios WMS sobre planes de descuento

Servicios WMS sobre estaciones de servicio

Servicios WMS sobre postes marítimos

Planes de descuentos

Precio de carburantes en las gasolineras españolas

Precio de carburantes en postes marítimos

CSV

HTML

HTML

JSON

JSON

KML

KML

WMS

WMS

WMS

WMS

XLS

XLS

XLS

XLS

www.facebook.com/sharer.php?u=http://sede.minetur.gob.es/es-ES/datosabiertos/catalogo/precios-carburantes

```
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      "IDCCAA": "16"
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      "C.P.": "01468",
      "Dirección": "POLIGONO ZANKUETA, 0",
      "Horario": "L-D: 24H",
      "Latitud": "43,044333",
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```
Menu Kevin@ks (192.168.10.128) - Données publiques - G...
e kevin@ks (192.168.10.128) - byobu
File Edit View Search Terminal Help
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<pdv id="1000001" latitude="4620114" longitude="519791" cp="01000" pop="R">
  <adresse>596 AVENUE DE TREVOUX</adresse>
  <ville>SAINT-DENIS-L-BOURG</ville>
  <ouverture debut="01:00:00" fin="01:00:00" saufjour=""/>
  <services>
    <service>Station de gonflage</service>
    <service>Vente de gaz domestique</service>
    <service>Automate CB</service>
  </services>
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  <prix nom="SP95" id="2" maj="2017-11-10T09:24:31" valeur="1399"/>
  <prix nom="SP98" id="6" maj="2017-11-10T09:24:31" valeur="1414"/>
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  <rupture id="3" nom="E85" debut="2017-09-16T09:50:23" fin=""/>
  <rupture id="4" nom="GPLC" debut="2017-09-16T09:50:23" fin=""/>
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  <ville>BOURG-EN-BRESSE</ville>
  <ouverture debut="01:00:00" fin="01:00:00" saufjour=""/>
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    <service>Automate CB</service>
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  </services>
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--More-- (0%)
u 1-17419 0- 1:--
8d3h 130Mb91% 3.37 4x2.3GHz 15.5G80% 192.168.0.15 2017-11-19 22:04:21
```

Données publiques x

Secure https://www.prix-carburants.gouv.fr/rubrique/ouverta/



Ministère de l'Énergie et des Finances

Le prix des carburants

l'énergie est notre avenir, économisons-la

Vous carburant

Vous itinéraire

Foire aux questions

Données publiques

Vos favoris

Contactez-nous

Données publiques

Le site gouvernemental des prix des carburants met à disposition de manière libre et gratuite (Open data) les données relatives aux prix des carburants. Ces données sont référencées sur la plate-forme des données publiques de l'État (www.data.gouv.fr) et sont fournies sous la "licence ouverte / Open license". Les URL permettant de télécharger les données sont les suivantes :

- <https://donnees.roulez-eco.fr/opendata/instantane> - pour le flux instantané (-10 minutes)
- <https://donnees.roulez-eco.fr/opendata/jour> - pour le flux quotidien
- <https://donnees.roulez-eco.fr/opendata/annee> - pour le stock de l'année courante.

Il est possible de télécharger les données pour une date ou année souhaitée.

Ainsi pour les flux quotidiens il est possible de télécharger les données des 30 derniers jours en ajoutant la date au format AAAAMMJJ (année, mois, jour) en fin d'URL

<https://donnees.roulez-eco.fr/opendata/jour/AAAAMMJJ>

Les archives annuelles sont disponibles à partir de l'année 2007 aux URL suivantes :

- <https://donnees.roulez-eco.fr/opendata/annee/2016>
- <https://donnees.roulez-eco.fr/opendata/annee/2015>
- <https://donnees.roulez-eco.fr/opendata/annee/2014>
- <https://donnees.roulez-eco.fr/opendata/annee/2013>
- <https://donnees.roulez-eco.fr/opendata/annee/2012>
- <https://donnees.roulez-eco.fr/opendata/annee/2011>
- <https://donnees.roulez-eco.fr/opendata/annee/2010>
- <https://donnees.roulez-eco.fr/opendata/annee/2009>
- <https://donnees.roulez-eco.fr/opendata/annee/2008>
- <https://donnees.roulez-eco.fr/opendata/annee/2007>

FAQ des données publiques de cette page données publiques :

- ➡ Question 1 : quelles sont les données mises à disposition ?
- ➡ Question 2 : quand les données sont-elles mises à jour ?
- ➡ Question 3 : quel est le format des données ?

Les données sont fournies dans un fichier XML, compressé au format ZIP.

- ➡ Question 4 : comment lire les données ?
- ➡ Question 5 : ce qui est exclu des données
- ➡ Question 6 : qu'est ce que l'Open Data ?



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J'accepte

En savoir plus



Essence Comparateur Carburant

Ripple Motion SARL Plans et navigation

★★★★★ 9 263

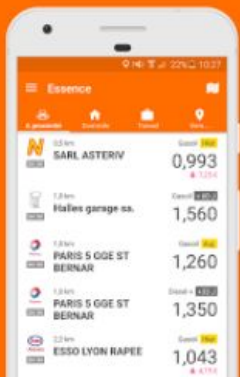
PEGI 3

Contient des annonces · Propose des achats dans l'application

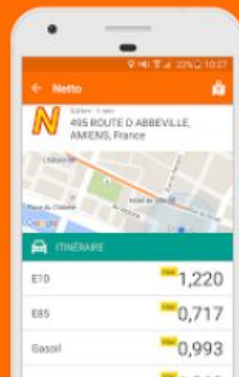
Ajouter à la liste de souhaits

Installer

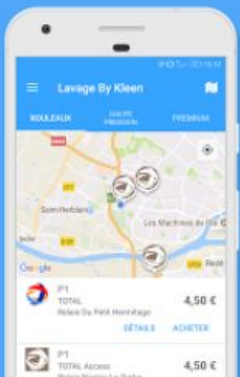
Localisez les stations autour de vous et comparez les prix



Consultez les détails de la station et participez aux mises à jour



Localisez les stations de lavage et découvrez les offres spéciales



Restez informé, téléchargez **Essence** !

Download on the App Store

GET IT ON Google Play


Guernsey Jersey Jersey Caen Rouen Paris Versailles Troyes Metz Nancy Strasbourg

La grève prévue le 10 octobre est levée

Le ministère du Travail a **scellé un accord** avec le syndicat et le patronat du transport pour sanctuariser leurs rémunérations dans le respect des ordonnances. Il n'y aura donc **pas de grève**.

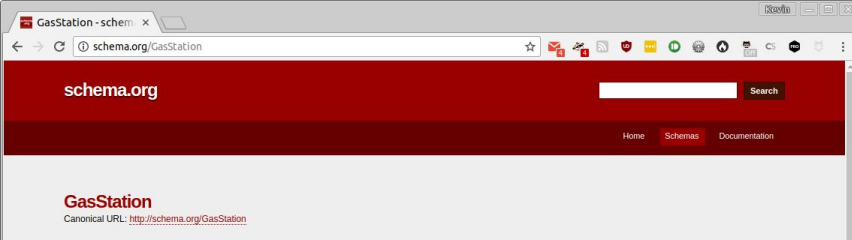
Rendez-vous dans l'application mobile **Essence** pour trouver les stations les moins chères autour de vous ! (disponible gratuitement pour iPhone et Android).

Bordeaux Angoulême Montauban Toulouse Montpellier Marseille

Essence une application développée par 

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```
kevin master U:2 ? :5 ~/workspace/me/gasolineras-espana-v2 php schema.php | jq .
```

```
{
  "@context": "http://schema.org",
  "@type": "GasStation",
  "name": "REPSOL",
  "openingHours": "L-D: 24H",
  "address": "CL MANISITU, 9 01240 ALEGRIA-DULANTZI",
  "postalAddress": {
    "@type": "PostalAddress",
    "addressCountry": "ES"
  }
}
```

| Property | Expected Type | Description |
|--|---|--|
| Properties from LocalBusiness | | |
| currenciesAccepted | Text | The currency accepted (in ISO 4217 currency format). |
| openingHours | Text | The general opening hours for a business. Opening hours can be specified as a weekly time range, starting with days, then times per day. Multiple days can be listed with commas ',' separating each day. Day or time ranges are specified using a hyphen '-'. <ul style="list-style-type: none">Days are specified using the following two-letter combinations: Mo, Tu, We, Th, Fr, Sa, Su.Times are specified using 24 00 time. For example, 3pm is specified as 15:00.Here is an example: <time itemprop="openingHours" datetime="Tu, Th 16:00-20:00">Tuesdays and Thursdays 4-8pm</time>.If a business is open 7 days a week, then it can be specified as <time itemprop="openingHours" datetime="Mo-Su">Monday through Sunday, all day</time>. |
| paymentAccepted | Text | Cash, credit card, etc. |
| priceRange | Text | The price range of the business, for example \$\$\$. |
| Properties from Organization | | |
| actionableFeedbackPolicy | CreativeWork or URL | For a NewsMediaOrganization or other news-related Organization, a statement about public engagement activities (for news media, the newsroom's), including involving the public - digitally or otherwise -- in coverage decisions, reporting and activities after publication. |
| address | PostalAddress or Text | Physical address of the item. |
| aggregateRating | AggregateRating | The overall rating, based on a collection of reviews or ratings, of the item. |
| alumni | Person | Alumni of an organization. Inverse property: alumniOf . |
| areaServed | AdministrativeArea or GeoShape or Place or Text | The geographic area where a service or offered item is provided. Supersedes serviceArea . |
| award | Text | An award won by or for this item. Supersedes awards . |
| brand | Brand or Organization | The brand(s) associated with a product or service, or the brand(s) maintained by an organization or business person. |
| contactPoint | ContactPoint | A contact point for a person or organization. Supersedes contactPoints . |
| correctionsPolicy | CreativeWork or URL | For an Organization (e.g. NewsMediaOrganization), a statement describing (in news media, the newsroom's) disclosure and correction policy for errors. |
| department | Organization | A relationship between an organization and a department of that organization, also described as an organization (allowing different urls, logos, opening hours). For example: a store with a pharmacy, or a bakery with a cafe. |
| dissolutionDate | Date | The date that this organization was dissolved. |
| diversityPolicy | CreativeWork or URL | Statement on diversity policy by an Organization e.g. a NewsMediaOrganization. For a NewsMediaOrganization, a statement describing the newsroom's diversity policy on both staffing and sources, typically providing staffing data. |
| duns | Text | The Dun & Bradstreet DUNS number for identifying an organization or business person. |
| email | Text | Email address. |

Demo!

...

Demo!

No :(

Thank you

Question?