

# Un portale open data per il cittadino nel campo della salute

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Comitato di Cittadini per il  
**Bene Collettivo**

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Nazionale delle Ricerche*



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# *Indice*

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OPEN  
DATA  
HEALTH

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*Presentazione dell'idea*

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*Potenzialità degli Open Data in ambito Health*

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*Presentazione della piattaforma*

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*Presentazione dei dati e della metodologia utilizzata*

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*Esempi di utilizzo della piattaforma*

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# *Presentazione dell'idea*

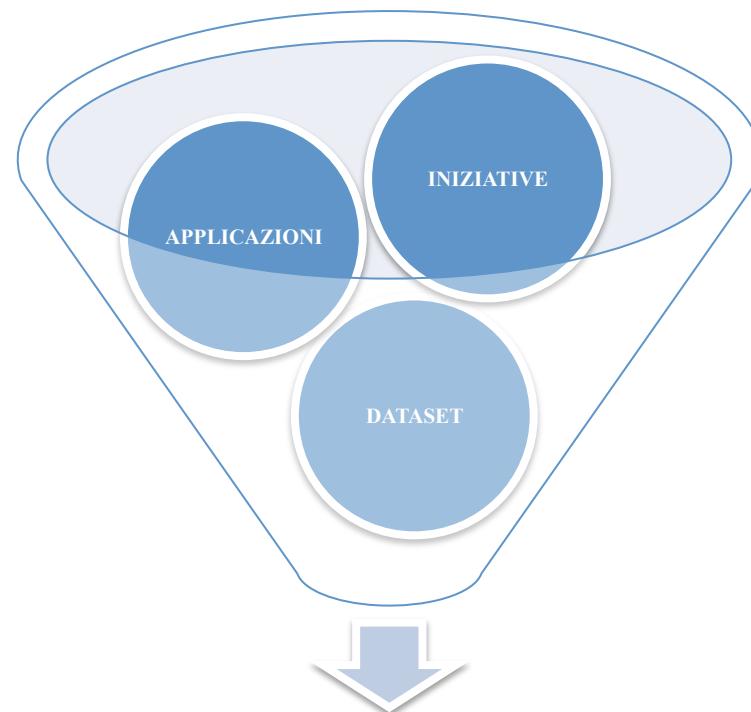
## *Presupposti*

Mancanza nel contesto italiano di un sito di riferimento sugli OD nella sanità

Dare ai cittadini la possibilità di inserire informazioni e creare una comunità partecipata

Necessità di condividere *good practices* estere quali iniziative e applicazioni che si basano sull'utilizzo degli *Open Health Data*

Bisogno di creare uno strumento di supporto utile a diversi stakeholder (cittadini, operatori sanitari etc. ....)



**OPEN HEALTH DATA PLATFORM**

# Potenzialità degli OHD

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# the guardian

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home

**Media & Tech Network**  
Open data economy

## How open data can help save lives

Data management is becoming increasingly important in emergency services, disaster relief, pollution plotting, cycle safety and healthcare

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Open Data  
Incubator Europe

About this content

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@Ellieross102

Tuesday 18 August 2015  
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Does it involve open data?

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# Presentazione della piattaforma

A Web Page  
<http://opendatahealth>

Open Data Health

Home Open Data Regulations Infographic Contact  search

Country:  
-Italia (136)   
-Spagna (57)   
-Francia (14)   
...

Language:  
-English   
-Italian   
...

Format:  
-CSV   
-XML   
...

License:  
-Creative commons   
-Italian Open Data   
...

Institution:  
-Toronto Pubblic Health   
-Comune di Albano   
...

Search into dataset

Order by: Relevance  Date  Visit  Title

**Smoking Indicators**   
Description: This file contains three smoking related indicators.  
Link: <http://data.london.gov.uk/dataset/smoking-indicators-borough>

Language: English  
Institution: Mayor of Londra  
Format: Excel,CSV  
License:UK Open Government Licence (OGL)

Tags: cancer, cigarettes, cigars, lifestyle, deaths, mortality, smoke, pipes, smoking, quitting

**Toronto Beaches Water Quality**   
**Consultations des centres de santé à Paris**   
**Aborti spontanei**   
...

About us Twitter Facebook

A Web Page  
<http://opendatasalute>

Open Data Salute

Home Open Data Regulations Infographic Contact  search

Regulations

Country:  
-Italia   
-Canada   
-USA   
...

Language:  
-English   
-Italian   
...

Type:  
-Web application   
-Mobile application

Developer:  
-Comune di Albano   
-City of Toronto

AIRNow   
Type: Developer:  
Description:  
Link:

EN DATA   
Tags: Sanità, hospital, Posti letto, Farmacia, health

Initiative   
Tags: Sanità, hospital, Posti letto, Farmacia, health

GoodGuide   
Tags: Sanità, hospital, Posti letto, Farmacia, health

About us Twitter Facebook

# *Presentazione dei dati e della metodologia utilizzata*

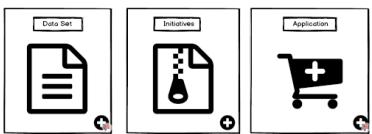
## *Metadati*



<b><i>Health Datasets</i></b>	<b><i>Health Applications</i></b>	<b><i>Health Initiatives</i></b>
Name; Description Institution ;Country; URL Format (CSV, Excel, Json, ...) License (e.g. CC, CC0, ODL, ...) Last update; Language Number of downloads Tag; Keywords; Location Geographical coverage	Name Description Type Coordinator Language URL Tag Keywords	Name Type (workshop/conference, project, etc.) Description URL Organizer Country Date Key words

# Presentazione dei dati e della metodologia utilizzata

## Raccolta dei dati



**Ministero della Salute OPEN DATA**

Home Dati Cosa sono Cloud Note

Che informazioni stai cercando?  Cerca

ULTIMI DATI CATALOGATI

- Consultori familiari
- Corrispondenze ASL-Comuni e popolazione residente
- Broker di medicinali

TAG

Questi sono i termini più frequentemente utilizzati per la classificazione dei dati inseriti.  
Puoi effettuare una ricerca direttamente selezionando uno dei termini.

Accesso Adolescenti Alimenti ASL Aziende Case di cura Classificazione Nazionale dei Dispositivi medici Comuni Consumi ospedalieri Contributi Depositari Dimissioni Disciplina Dispositivi medici Distributori Distribuzione diretta Distribuzione per conto Donna Elenco nazionale direttori struttura Farmaci Farmacia Farmaci

**LONDON DATASTORE**

Blog Data Topics Community Developers Boroughs GLA Analysis More

Topics / Datasets

Health (71) Demographics (28) Employment and Skills (14) Environment (14) Housing (12) Education (12)

Sort By: Relevance Modified 11 months ago

GLA Health Survey Infographics Over 660 Talk London users took part in the GLA's online health survey during March 2014. This explored people's experiences of health services, views on health policies and...

Focus on London - Health FOCUSONLONDON2010 HEALTH CHILDRENANDYOUNGPEOPLE The health and wellbeing of London's children and young people is fundamental to the health of the city. The recent Marmot...

Formats XLS (80) CSV (34)

**AIFA Agenzia Italiana del Farmaco**

Sede | Contatti | Posta Elettronica Certificata | Elenco siti istituzionali | Area Riservata | Webmail AIFA.it | English corner | Ricerca | Link diretti

Dati sulla Farmacovigilanza - Open Data

Responsabili di Farmacovigilanza

Informazioni sul dato: Responsabili di Farmacovigilanza

Descrizione: Tabella con i riferimenti dei Responsabili di Farmacovigilanza che, nell'ambito della Rete Nazionale di Farmacovigilanza, operano nelle diverse Regioni italiane per assicurare il continuo monitoraggio delle segnalazioni delle reazioni avverse ai farmaci garantendo la sicurezza dei medicinali in commercio.

Tipo file: CSV

Formato dati: alfanumerico

Data ultimo aggiornamento: 03/07/2015

Pubblicato da: AIFA

Ufficio Referente: Ufficio di Farmacovigilanza

Licenza: CC BY - Limiti al riutilizzo di dati personali

Download

Permalink: [http://www.agenziafarmaco.gov.it/sites/default/files/strutture\\_responsabili\\_farmacovigilanza.csv](http://www.agenziafarmaco.gov.it/sites/default/files/strutture_responsabili_farmacovigilanza.csv)

**Government of Canada** Gouvernement du Canada

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Home → Open Government → Open Data → Apps

User Account

Rules of Engagement Log in Registration

Let us know if you have used our data to create an application.

Show your app Suggest an app

Recalls and Safety Alerts

Follow: [Twitter](#) [RSS](#) [YouTube](#) [Facebook](#) [Flickr](#) [Instagram](#)

Get the app [Get the App](#)

Developed by: Health Canada

Description:

**DATA.GOV**

Search Data.gov

DATA TOPICS IMPACT APPLICATIONS DEVELOPERS CONTACT

APPLICATIONS

Open government data powers software applications that help people make informed decisions – from choosing financial aid options for college to finding the safest consumer products and vehicles. Below are just a few examples of government, community, and business tools that use open government data from the United States; are accessible, vetted, and available; and are, for the majority, free and do not require registration to use. While we don't endorse any particular app, we're always interested in new examples: Submit application suggestions [here](#).

For more examples of applications made with open government data see [Civic Commons](#) and [USA.gov's Federal Mobile Apps Directory](#).

Search Applications

11 results found for "health"

**AIRNow**

The AIRNow mobile application provides you real-time air quality information that you can use to protect your health when planning your day. You can get location-specific reports on current air quality and air quality forecasts for both ozone and fine particle pollution (PM2.5).

Open Government Data Used: U.S. Environmental Protection Agency - Air Quality System (AQS)

# Presentazione dei dati e della metodologia utilizzata

## Raccolta dei dati: alcuni esempi



### PARISDATA

MAIRIE DE PARIS

Les données L'API La licence La démarche Le forum Cartographie

Retour  
31 enregistrements

Recherche textuelle  
Rechercher...

Année installation  
2008 20  
2010 11

ARRONDISSEMENT  
75018 5  
75019 4  
75013 3  
75014 3  
75015 3  
75010 2

TYPE ACCES  
Intérieur 28

Distributeur

Informations

Equipements municipaux qui données comprend l'adresse

Identifiant du jeu de données Téléchargements

Thème Mots clés

Licence Langue Modifié

Producteur Références

Attributions

GREATERTLONDONAUTHORITY

### LONDON DATASTORE

MAYOR OF LONDON LONDON ASSEMBLY

Blog Data Topics Community Developers Boroughs GLA Analysis More

Publishers / Office for National Statistics (ONS) / Teenage Conceptions, Borough

**View Dataset**

Teenage Conceptions, Borough

Created 2 years ago, modified 6 months ago

This dataset shows numbers and rates of Under 18 and under 16 Conceptions, including proportion leading to abortion. Data is for London Boroughs. The Office of National Statistics (ONS) conception statistics are used to monitor progress towards the Teenage Pregnancy Strategy's target to halve England's under-18 conception rate by 2010, from a 1998 baseline.

These statistics are part of a well established series, which are compiled by combining information from birth registrations and abortion notifications.

Under 18 rates are per 1000 female population aged 15-17. Under 16 rates are per 1000 female population aged 13-15. Counts for City of London have been combined with those for Hackney. For conceptions leading to abortions, rates based on fewer than 10 events have been suppressed. Occasionally it has been necessary to apply secondary suppression to avoid the possibility of disclosure by differencing.

Miscarriages and illegal abortions are not included in the conception rates, resulting in rates that may be an under estimation.

**Data and Resources**

teenage-conceptions-borough.xls (133.5 KB)

**Tags**

abortion, conception, health, pregnancy, teenage, under18

**Licence**

UK Open Government Licence (OGI)

**Additional Info**

Smallest Geography Local Authority

Update Frequency Annually

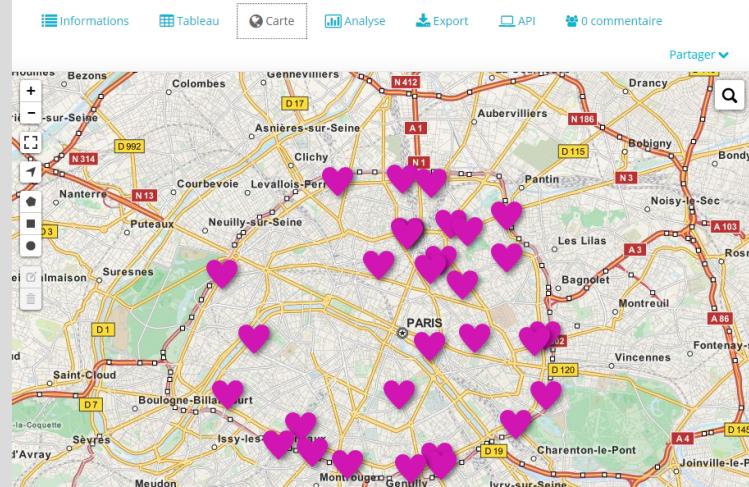
Temporal Coverage 01/01/1998 - 31/12/2012

### PARISDATA

MAIRIE DE PARIS

Les données L'API La licence La démarche Le forum Cartographie

Distributeurs de préservatifs à Paris



# Presentazione dei dati e della metodologia utilizzata

## Raccolta dei dati: alcuni esempi



The screenshot shows the ZocDoc homepage. At the top, there's a logo featuring two stylized doctors. Below the logo, the text "ZocDoc" is prominently displayed. A large teal button with the text "Find a doctor you love. Get the care you need." is centered. Above this button is a smaller button labeled "It's Free!". To the left of the main button, there's a "Get Started" section with dropdown menus for "Choose a Specialty" and "Enter Zip Code". Below these, another section asks "Who participates in" with a dropdown menu set to "I'll choose my insurance later". At the bottom of the main teal area is a large orange button labeled "Find a Doctor".

The screenshot shows the ZocDoc app page on the App Store. At the top, the title "ZocDoc - Book a Doctor Online!" is shown, along with the developer "ZocDoc, Inc. Medicina" and a rating of "3.369". Below this is a green "Installa" button. To the left of the button is a cartoon illustration of a doctor wearing a white coat and a stethoscope. To the right of the button are two small buttons: "Aggiungi alla lista desideri" and "Installa". Below the main title, there's a note: "x L'app non è compatibile con il tuo dispositivo." In the center, there's a large thumbnail image of the app interface, which looks similar to the website screenshot above. To the right of the thumbnail, there's a sidebar with fields for "Specialty" (set to "Dermatologist"), "Location" (set to "Use My Current Location"), "Date" (set to "Today, May 17"), and "Insurance" (with a note "I'll select my insurance company later"). At the bottom of the sidebar is an orange "Search" button. At the very bottom of the page, there's a "Traduci" button with a "Traduci" link next to it.

# Presentazione dei dati e della metodologia utilizzata

## Raccolta dei dati: alcuni esempi...e in Italia



**Open Medical Puglia**

Patrizio Lerede - Medicina

Microsoft Store - Prodotti - Supporto

Ricerca in Microsoft.com

Accedi

**INPS Terme**

map2app Viaggi e info locali

Non classificato

L'app è compatibile con il tuo dispositivo.

Aggiungi alla lista desideri

Installa

**CENTRI TERMALI CONVENZIONATI INPS**

Cure Forme Artropatiche

Piemonte

Lombardia

Trentino

Veneto

EmiliaRomagna

Toscana

Stabiment0053

Stabiment0069

Distribut0

Stabiment0009

1

1

2

1

1

Questo applicazione consente di ricercare gli Hotel e Centri convenzionati INPS per le cure termali di forme artropatiche e respiratorie.

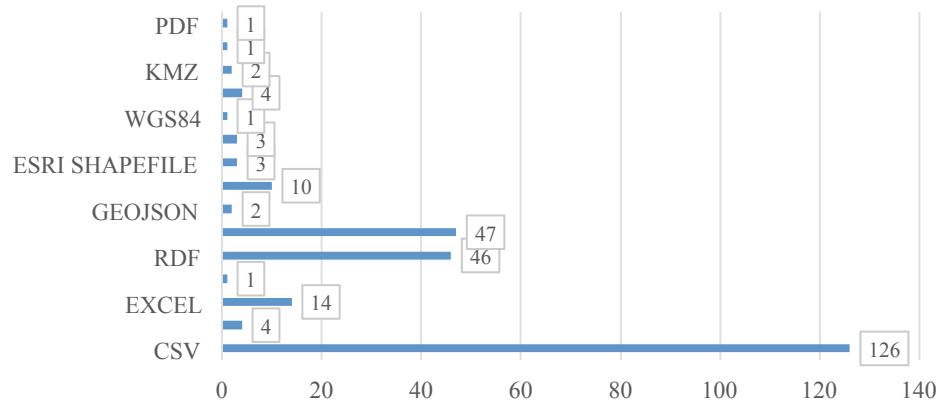
L'applicazione consente, per ciascuna struttura, di visualizzarne Indirizzo, mappa, telefono, tipo di cura, distanza dalle terme e altre informazioni utili.

I dati presenti nell'applicazione provengono da open data resi pubblici dall'INPS.

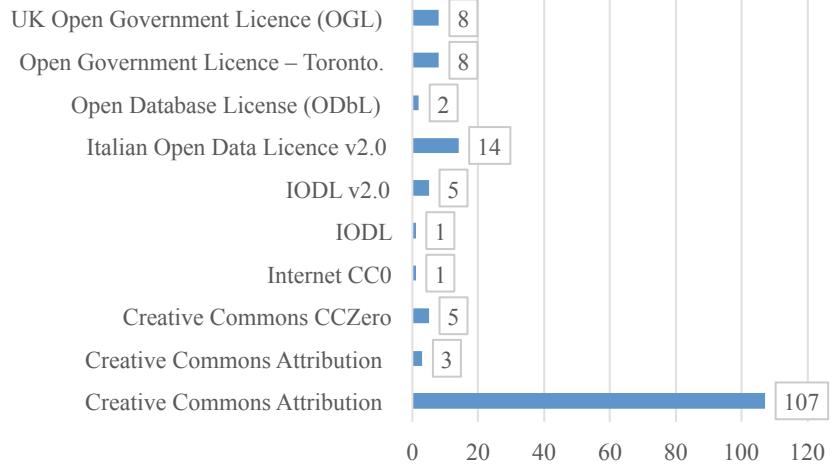
# *Presentazione dei dati e della metodologia utilizzata*

## *Alcune infografiche*

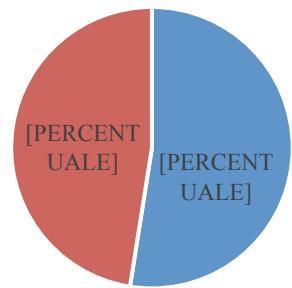
N° di DataSet per Formato



N° di DataSet per Licenza



N° di GoodPractices per Tipologia



■ Applicazione Mobile

■ Applicazione Web

# Esempi di utilizzo della piattaforma

Uno dei obiettivi della piattaforma è quello di aiutare gli utenti nella ricerca di risorse OHD

The screenshot shows a web browser window for 'A Web Page' at the URL <http://opendatahealth>. The page title is 'Open Data Health'. The left sidebar contains filters for 'Country' (Italy, Spain, France, ...), 'Language' (English, Italian, ...), 'Format' (CSV, XML, ...), 'License' (Creative Commons, Italian Open Data, ...), and 'Institution' (Toronto Public Health, Comune di Albano, ...). The main content area displays a dataset titled 'Smoking Indicators' with the following details:

- Description: This file contains three smoking related indicators.
- Link: <http://data.london.gov.uk/dataset/smoking-indicators-borough>
- Language: English
- Format: Excel, CSV
- Institution: Mayor of London
- License: UK Open Government Licence (OGL)

The dataset is tagged with terms like 'cancer', 'cigarettes', 'cigars', 'lifestyle', 'deaths', 'mortality', 'smoke', 'health', 'pipes', 'smoking', and 'quitting'. Below this, there are four other datasets listed:

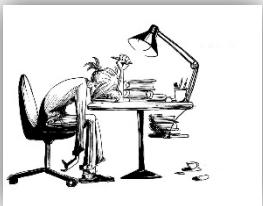
- ✓ Toronto Beaches Water Quality
- ✓ Consultations des centres de santé à Paris
- ✓ Aborti spontanei
- ✓ -----

At the bottom, there are social media links for 'About us', 'Twitter', and 'Facebook'.

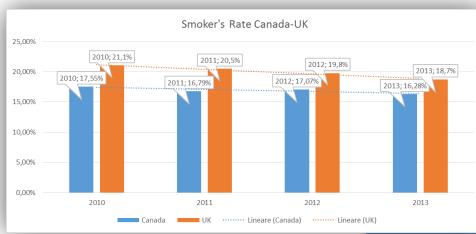
*I metadata quindi possono essere usati come filtri per aiutare nella ricerca*

# Esempi di utilizzo della piattaforma

## Scenario di utilizzo



Ipotizziamo che Maria, studentessa scolastica, debba svolgere una ricerca sulla percentuale di fumatori in due diverse Nazioni. Ecco gli step:



Ricerca sul tasso di fumatori

Combina i risultati e realizza i grafici

A screenshot of a web browser displaying the 'Open Data Health' platform. The URL is http://opendatahealth.org. The page features a search bar and a sidebar with various filters like 'Country', 'Language', 'Format', 'License', and 'Institution'. A main content area lists datasets under 'Smoking Indicators' and 'Toronto Beaches Water Quality'.

La studentessa visita la piattaforma e va nella sezione Dataset

A screenshot of the 'open data canada' portal. It shows a dataset titled 'Smokers, by sex, provinces and territories'. The description indicates it's a summary table with data on smokers by province and territory by year. It includes links to the dataset, language (English), institution (Government of Canada), format (CSV, HTML), and license (Open Government Licence - Canada). Below the table, there are tags for topics like cancer, cigarettes, cigars, death, smoke, and Toronto Beaches Water Quality.

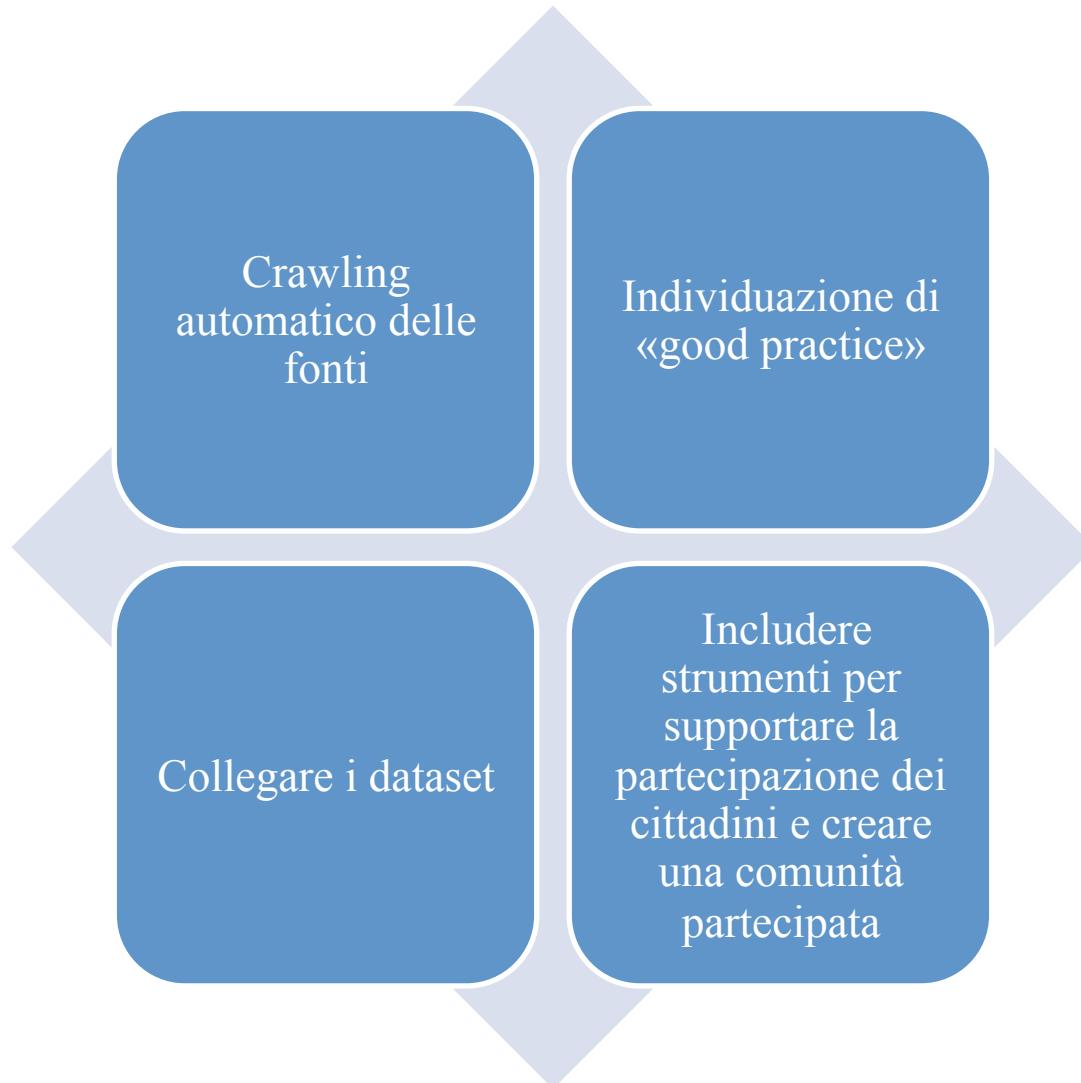
Scarica i dataset dai portal istituzionali

Effettua la ricerca utilizzati gli appositi tags

Analizza i risultati ottenuti



# Prossimamente...



Grazie

Domande?

Suggerimenti?