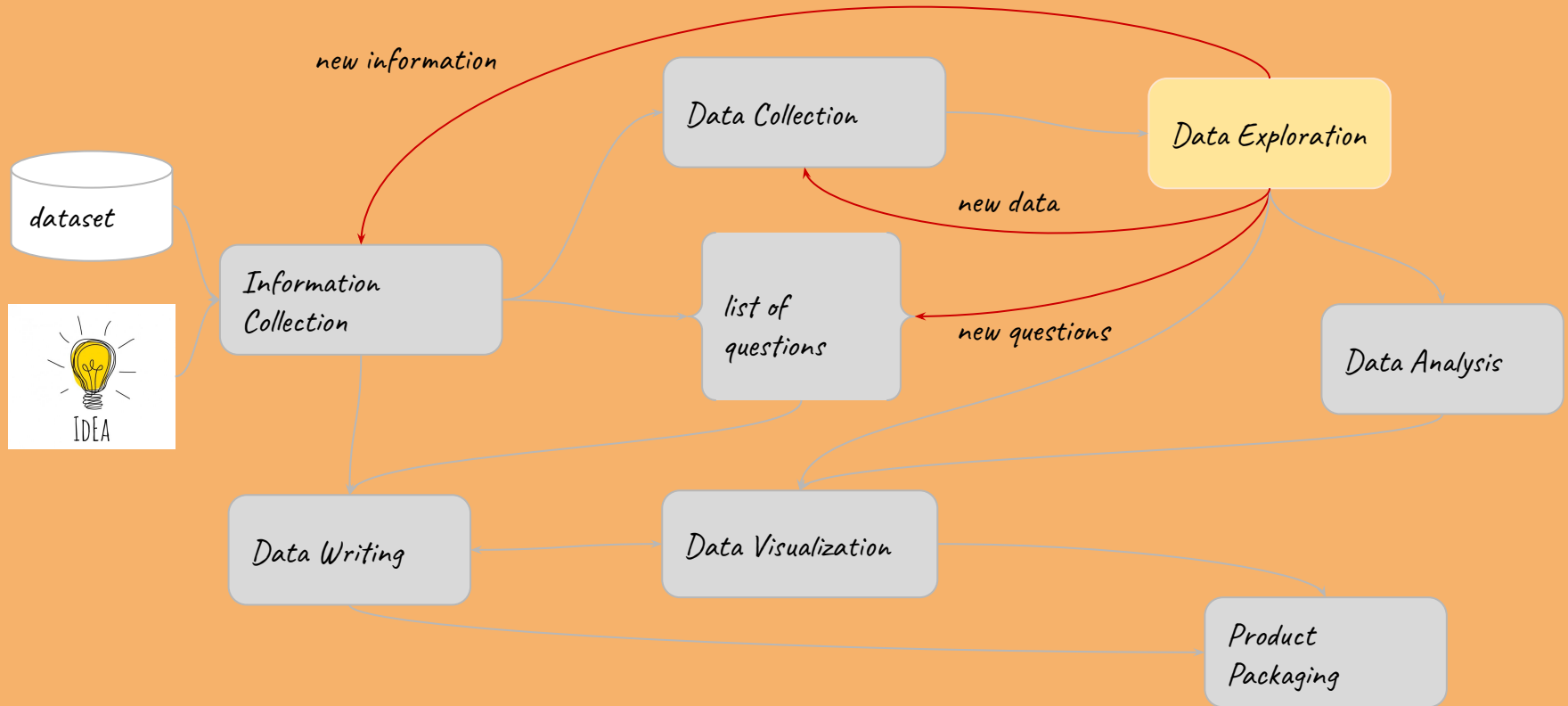




# Data Exploration

## with Tableau

# Data Exploration



# Data Exploration: Syntax Targets

L'esplorazione dei dati consente di capire cosa si trova in un set di dati

- dimensioni o quantità di dati,
- completezza dei dati,
- correttezza dei dati,
- possibili relazioni tra elementi di dati o file / tabelle nei dati.

# Data Exploration: Semantic Targets

L'esplorazione dei dati consente di scoprire aspetti interessanti nascosti nei dati.

- Necessità di trovare nuovi dati
- Nuove **domande** che possono sostituire le precedenti

# Data Exploration

L'esplorazione dei dati è un **processo iterativo**

Si parte da una domanda generale a cui si tenta di dare una risposta

Si passa a domande via via più particolari

<https://www.start.umd.edu/gtd/>

# Global Terrorism Database

Information on more than 190,000 Terrorist Attacks

Access the GTD

# What is GTD?

The GTD™ is an **open-source** database on excel

Domestic and international **terrorist events** around the world **1970-2019**

Includes more than **200,000** terrorist events

# Terrorist Event Definition

*“The threatened or actual use of **illegal force and violence** by a **non-state actor** to attain a political, economic, religious, or social **goal** through fear, coercion, or intimidation.”*

## Questions

Ukraine War is a terrorist event?

What is the most known terrorist event?



ACCESS THE GTD

# GTD Access

SEARCH & BROWSE

DOWNLOAD

## GTD 1970 – 2019

🕒 1 year, 7 months, 1 day, 16 hours, 49 minutes ago

Data on terrorist attacks between 1970 – 2019 updated as...

## Download the GTD or Contact GTD Team

We welcome questions and feedback from users. For the quickest answers, please consult our [FAQ page](#) to see if your question has already been addressed before submitting it using the form below.

\* = Required Field

\* **Action:**

To download the data and documentation select 'Download full GTD dataset' from the Action list above.

**Title:**   
(e.g., Mr., Ms., Dr., Gen., etc.)

\* **First Name:**

\* **Last Name:**

**Institution:**

\* **E-Mail Address:**



DOWNLOAD ATTACHMENT - GLOBALTERRORISMDB\_0919DIST

# Modello dei dati

Data

Luogo

Organizzazione  
Terroristica



Tipo  
attacco

Tipo del  
bersaglio

Tipo arma  
utilizzata

Danni

# Data Model

Private citizens & Property  
Military  
Government  
Business  
Police  
Transportation  
Tourists

Target  
Type

When  
(date)    Where  
(place)    Who  
(terrorist group)

Terrorist Even  
(id, summary,  
motive,  
addNotes)

Damages  
(nKill, nWounded)

Attack  
Type

Weapon  
Type

Bombing/Explosion  
Armed Assault  
Facility/Infrastructure Attack  
Assassination  
Hostage Taking (Kidnapping)  
Hijacking  
Hostage Taking (Barricade Incident)  
Unarmed Assault

Explosives  
Firearms  
Incendiary  
Unknown  
Melee (ex knife)  
Fake Weapons  
Vehicle  
Chemical

# Bataclan - Parigi - 13 novembre 2015



**Date**

year:2015  
month: 11  
day:13

**Place**

region: Western Europe  
country: France  
provincestate: Ile-deFrance  
city: Paris  
lat: 48,856644  
lng: 2,34233

**Group Name**

Islamic State of Iraq and the Levant (ISIL)

**Summary**

Three suicide bombers opened fire on Bataclan concert hall, where an Eagles of Death Metal concert was being held, in 11th arrondissement, Paris, France

...

**Damages**

Num kill: 93  
Num Attackers Killed: 3  
Num Wounded: 217

**Target Type**

Business  
Private Citizens & Property

**Weapon Type**

Explosives: Suicide (carried bodily by human being) ...

**Attack Type**

Hostage Taking (Barricade Incident)  
Bombing/Explosion

globalterrorismond\_0221dist.xlsx - Excel

Home Inserted Layout di pagina Formule Dati Revisione Visualizza Chi cosa ti desidera fare?

Andrea Marchetti@11.cnr.it

Condividi

Taglia Copia Formattazione Formatta come tabella Normale Neutrale Valore non v. Valore valido Calcolo Cella collegata Cella da conti. Input Nota Output

Formule Somma automatica Riempimento Ordina e filtra Trova e seleziona

Appunti Carattere Allineamento Numeri Dati Cella Modifica

C8	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
	eventid	year	imonth	iday	approxdate	extended	resolution	country	country_txt	region	region_txt	provstate	city	latitude	longitude	specificity	vicinity	location	summary	crit1	
1	19700000001	1970	7	2		0		58	Dominican Republic	2	Central America & National	Santo Domingo	18,456792	-69,951164	1	0					
2	19700000002	1970	0	0		0		130	Mexico	1	North America	Federal	Mexico city	19,371887	-99,086624	1	0				
3	19700100001	1970	1	0		0		160	Philippines	5	Southeast Asia	Tarlac	15,478598	120,599741	4	0					
4	19700100002	1970	1	0		0		78	Greece	8	Western Europe	Attica	Athens	37,99749	23,762728	1	0				
5	19700100003	1970	1	0		0		101	Japan	4	East Asia	Fukouka	Fukouka	33,580412	130,396361	1	0				
6	19700110002	1970	1	1		0		217	United States	1	North America	Illinois	Cairo	37,005105	-89,176269	1	0		1/1/1970: Unknown	1	
7	19700120001	1970	1	1		0		218	Uruguay	3	South America	Montevideo	Montevideo	-34,891151	-56,187214	1	0				
8	19700120002	1970	1	2		0		217	United States	1	North America	California	Oakland	37,791927	-122,225906	1	0	Edes Substation	1/2/1970: Unknown	1	
9	19700120003	1970	1	2		0		217	United States	1	North America	Wisconsin	Madison	43,076592	-89,412488	1	0		1/2/1970: Karl Arm	1	
10	19700130001	1970	1	3		0		217	United States	1	North America	Wisconsin	Madison	43,07295	-89,386694	1	0		1/3/1970: Karl Arm	1	
11	19700150001	1970	1	1		0		217	United States	1	North America	Wisconsin	Baraboo	43,4685	-89,744299	1	0				
12	19700160001	1970	1	6		0		217	United States	1	North America	Colorado	Denver	39,758968	-104,876305	1	0		1/6/1970: Unknown	1	
13	19700180001	1970	1	8		0		98	Italy	8	Western Europe	Lazio	Rome	41,890961	12,490069	1	0				
14	19700190001	1970	1	9		0		217	United States	1	North America	Michigan	Detroit	42,331685	-83,047924	1	0		1/9/1970: Unknown	1	
15	19700190002	1970	1	9		0		217	United States	1	North America	Puerto Rico	Rio Piedras	18,386932	-66,061127	1	0	Caparra Shopping C	1/9/1970: The Arm	1	
16	19700110001	1970	1	1		0		499	East Germany (GDR	9	Eastern Europe	Berlin	Berlin	52,50153	13,401851	1	0				
17	19700110001	1970	1	11		0		65	Ethiopia	11	Sub-Saharan Africa	Unknown	Unknown			5	0				
18	19700112001	1970	1	12		0		217	United States	1	North America	New York	New York City	40,697132	-73,931351	1	0	Brooklyn	1/12/1970: Unknown	1	
19	19700112002	1970	1	12		0		217	United States	1	North America	Puerto Rico	Rio Grande	18,379998	-65,830948	1	0		1/12/1970: Unknown	1	
20	19700113001	1970	1	13		0		217	United States	1	North America	Washington	Seattle	47,610786	-122,331306	1	0		1/13/1970: Unknown	1	
21	19700114001	1970	1	14		0		217	United States	1	North America	Illinois	Champaign	40,116748	-88,23927	1	0	Champaign Police D	1/14/1970: Suspect	1	
22	19700115001	1970	1	15		0		218	Uruguay	3	South America	Montevideo	Montevideo	-34,891151	-56,187214	1	0				
23	19700119002	1970	1	19		0		217	United States	1	North America	Washington	Seattle	47,610786	-122,331306	1	0	Seattle University	1/17/1970: Three A	1	
24	19700119003	1970	1	19		0		217	United States	1	North America	Washington	Seattle	47,610786	-122,331306	1	0		1/17/1970: Silas an	1	
25	19700119004	1970	1	19	January 19-20, 1970	0		217	United States	1	North America	New Jersey	Jersey City	40,717892	-74,067467	1	0	Front of building	1/19/1970: Unkn	1	
26	19700120001	1970	1	20		0		83	Guatemala	2	Central America & Guatemala	Guatemala City	14,622869	-90,529068	1	0					
27	19700121001	1970	1	21		0		160	Philippines	5	Southeast Asia	Metropolitan Manil	Quezon City	14,67428	121,057495	1	0				
28	19700122001	1970	1	22		0		222	Venezuela	3	South America	Caracas	Caracas	10,482834	-66,962128	1	0				
29	19700122002	1970	1	22		0		217	United States	1	North America	Nebraska	South Sioux City	42,47031	-96,413949	1	0		1/22/1970: Unknown	1	
30	19700125001	1970	1	25		0		217	United States	1	North America	Mississippi	West Point	33,60651	-88,650419	1	0		1/25/1970: Unknown	1	
31	19700125002	1970	1	25		0		217	United States	1	North America	New York	New York City	40,697132	-73,931351	1	0	Manhattan	1/25/1970: Respon	1	
32	19700126001	1970	1	26		0		217	United States	1	North America	Mississippi	West Point	33,60651	-88,650419	1	0		1/26/1970: Unkn	1	
33	19700126003	1970	1	26		0		217	United States	1	North America	New York	New York City	40,697132	-73,931351	1	0	Queens	1/26/1970: Police o	1	
34	19700127002	1970	1	27		0		217	United States	1	North America	Ohio	Norwalk	41,241996	-82,615241	1	0		1/27/1970: Unknown	1	
35	19700128001	1970	1	28		0		499	East Germany (GDR	9	Eastern Europe	Berlin	Berlin	52,50153	13,401851	1	0				
36	19700128002	1970	1	28		0		217	United States	1	North America	Washington	Seattle	47,610786	-122,331306	1	0	Front of building	1/28/1970: Unknown	1	
37	19700130001	1970	1	30		0		217	United States	1	North America	Nebraska	South Sioux City	42,479999	-96,413046	1	0	210 East 10 St.	1/30/1970: In a seri	1	
38	19700130002	1970	1	30		0		217	United States	1	North America	Nebraska	South Sioux City	42,46634	-96,41405	1	0	2503 Dakota Ave.	1/30/1970: In a seri	1	
39	19700130003	1970	1	30		0		217	United States	1	North America	Florida	Coral Gables	25,720851	-80,277857	1	0		1/20/1970: unknown	1	
40	19700131001	1970	1	31		0		160	Philippines	5	Southeast Asia	Tarlac	Bamban	15,675051	120,331618	1	0				
41	19700131002	1970	1	31		0		217	United States	1	North America	Colorado	Denver	39,758968	-104,876305	1	0	2105 Decatur Street	1/31/1970: Unkn	1	
42	19700201001	1970	2	1		0		217	United States	1	North America	Oregon	Portland	45,511795	-122,675629	1	0	North Portland neig	2/1/1970: An unkn	1	
43	19700201002	1970	2	1		0		217	United States	1	North America	Illinois	Cairo	37,005105	-89,176269	1	0	Pyramid Courts	2/1/1970: Unknown	1	
44	19700202001	1970	2	2		0		217	United States	1	North America	New York	New York City	40,697132	-73,931351	1	0	Manhattan	2/2/1970: An incen	1	
45	19700203001	1970	2	3		0		217	United States	1	North America	New York	New York City	40,697132	-73,931351	1	0	The Bronx	2/3/1970: In a serie	1	
46	19700203002	1970	2	3		0		217	United States	1	North America	New York	New York City	40,697132	-73,931351	1	0	Manhattan	2/3/1970: In a serie	1	
47	19700204001	1970	2	4		0		217	United States	1	North America	Ohio	Akron	41,084195	-81,514059	1	0	Outside apartment	2/4/1970: In an att	1	
48	19700205001	1970	2	6		0		217	United States	1	North America	Colorado	Denver	39,758968	-104,876305	1	0	School Bus Parking	12/6/1970: Unknown	1	
49	19700206002	1970	2	6		0		217	United States	1	North America	Washington	Seattle	47,610786	-122,331306	1	0	Central District	2/6/1970: Suspect	1	

# Numeri dal dataset

**201.183** righe ovvero Attacchi terroristici registrati fino al 31-12-2019

**109** colonne

[www.TABLEAU.com](http://www.TABLEAU.com)



# Caratteristiche

Tableau Software è una compagnia sw con centro a Seattle.

Fondata nel 2003, ha circa 3500 impiegati.

Produce sw di **data visualization interattivo** focalizzata su business intelligence

# Prodotti



Tableau Prep  
Builder



Tableau Desktop



Tableau Server



Tableau Online

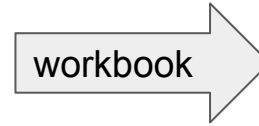


Tableau Mobile

Browser

+tableau<sup>+</sup>public

Create

Publish

Read

# Tableau Desktop

Let's Start

Connect to the data



### Connect

To a File

Microsoft Excel

Text file

JSON file

Microsoft Access

PDF file

Spatial file

Statistical file

More...

To a Server

Tableau Server

Microsoft SQL Server

MySQL

Oracle

Amazon Redshift

More... >

Saved Data Sources

Sample - EU Superstore

Sample - Superstore

World Indicators

### Open



Global Terrorism DB



GTD\_Global Terroris...

Open a Workbook

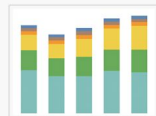
### Sample Workbooks



Superstore



Regional



World Indicators

More Samples

### Discover

▶ Training

Getting Started

Connecting to Data

Visual Analytics

Understanding Tableau

More training videos...

📁 Resources

Get Tableau Prep

Blog - Applications are open! Why you should apply today to speak at TC19

Forums

# VIZ OF THE WEEK

Spell-O-L: Hilarious Misspellings in Reddit Comments →



GYLENHAAL

164 20

gylennh02.k41

gylennh02.k41

gylennh02.k29



KARBASHIAN

120 22

kardashian.k42

kardashian.k35

kardashian.v8



Connessioni Aggiungi

globalterrorismdb\_0221dist  
Microsoft Excel

Fogli 🔍

Usa Interprete dei Dati

Interprete dei Dati potrebbe pulire la cartella di lavoro Microsoft Excel.

📄 Data

🔄 Nuova unificazione

## Data (globalterrorismdb\_0221dist)

Data

Connessione  
 Live  Estrazione

Filtri  
 0 Aggiungi



Hai bisogno di altri dati?

Trascina qui le tabelle per correlarle. [Ulteriori informazioni](#)

Data

→ righe ⚙️

Nome

Data

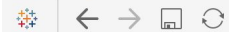
Campi

Tipo	Nome campo	Tabella fisica	Nome campo rem...
#	Eventid	Data	eventid
#	lyear	Data	lyear
#	lmonth	Data	lmonth
#	lday	Data	lday
Abc	Approxdate	Data	approxdate
#	Extended	Data	extended

# Data Eventid	# Data lyear	# Data lmonth	# Data lday	Abc Data Approxdate	# Data Extended	Data Resolution	# Data Country	Data Country Txt	# Data Region	Abc Data Region Txt	Abc Data Provstate
----------------------	--------------------	---------------------	-------------------	---------------------------	-----------------------	--------------------	----------------------	---------------------	---------------------	---------------------------	--------------------------

Aggiorna ora

Aggiorna automaticamente



## Connections

Add

globalterro...db\_0718dist  
Microsoft Excel

## Sheets

P

Cleaned with Data Interpreter  
[Review the results.](#) (To undo changes, clear the check box.)

Data  
Data A1:EE10000

New Union

## Data (globalterrorismdb\_0718dist)

Data

Sort fields Modified

Show aliases  Show

# Data eventid	# Data year	# Data imonth	# Data iday	Calculation Date	Abc Data approxdate	# Data extended	Data resolution	# Data country	# Data countryname
197.000.000.001	1.970	7	2	07/02/1970	null	0	null	160	Philippines
197.000.000.002	1.970	0	0	null	null	0	null	78	Greece
197.001.000.001	1.970	1	0	null	null	0	null	101	Japan
197.001.000.002	1.970	1	0	null	null	0	null	217	United States
197.001.000.003	1.970	1	0	null	null	0	null	218	Uruguay
197.001.010.002	1.970	1	1	01/01/1970	null	0	null	217	United States
197.001.020.001	1.970	1	2	01/02/1970	null	0	null	217	United States
197.001.020.002	1.970	1	2	01/02/1970	null	0	null	217	United States
197.001.020.003	1.970	1	2	01/02/1970	null	0	null	217	United States
197.001.030.001	1.970	1	3	01/03/1970	null	0	null	217	United States
197.001.050.001	1.970	1	1	01/01/1970	null	0	null	217	United States
197.001.060.001	1.970	1	6	01/06/1970	null	0	null	217	United States
197.001.080.001	1.970	1	8	01/08/1970	null	0	null	98	Italy
197.001.090.001	1.970	1	9	01/09/1970	null	0	null	217	United States
197.001.090.002	1.970	1	9	01/09/1970	null	0	null	217	United States
197.001.100.001	1.970	1	10	01/10/1970	null	0	null	499	East Germany

Connection

 Live Extract

Extract will include all data.

Edit

Refresh

Filters

0

Add

Imposta "live" se prevedi che i dati si possano modificare nel tempo

Data Source

Sheet 1



Calculated Field





Data (globalterrorismdb\_07)

## Creazione di nuove colonne di dati Campi Calcolati

Filters  
0 | Add

## Connections

Add

globalterro...db\_0718dist  
Microsoft Excel

Data

## Sheets

 Cleaned with Data Interpreter  
[Review the results.](#) (To undo changes, clear the check box.)

Data

Data A1:EE10000

New Union

Sort fields Modified

 Show aliases  Show hidden fields 1.000 rows

#	#	#	#	Abc	#	#	#	#
Data	Data	Data	Data					
eventid	year	imonth	iday					
197.000.000.001	1970		7					
197.000.000.002	1970		0					
197.001.000.001	1970		1					
197.001.000.002	1970		1					
197.001.000.003	1970		1					
197.001.010.002	1970		1					
197.001.020.001	1970		1					
197.001.020.002	1970		1					
197.001.020.003	1970		1	2	null			
197.001.030.001	1970		1	3	null			
197.001.050.001	1970		1	1	null			
197.001.060.001	1970		1	6	null			
197.001.080.001	1970		1	8	null			
197.001.090.001	1970		1	9	null	0	null	217 United States
197.001.090.002	1970		1	9	null	0	null	217 United States
197.001.100.001	1970		1				null	499 East Germany (GDR)

`DATE( STR([imonth]) + "-" + STR([iday]) + "-" + STR([iyear]))`

The calculation is valid.

Apply

OK

Date needs  
mm-dd-yyyy format

**Data** Analytics Pages Columns Rows

Data (globalterrorismdb\_0...

**Dimensions**

- country\_txt
- Date
- dbsource
- divert
- gname
- gname2
- gsubname
- hostkidoutcome\_txt
- kidhijcountry
- location
- motive
- natlty1\_txt
- natlty2\_txt
- natlty3\_txt
- propcomment
- propexter...\_txt

**Measures**

- INT\_BEG
- INT\_LOG
- INT\_MISC
- ishostkid
- iyer
- latitude
- longitude
- multiple
- natlty1
- natlty2
- natlty3
- ndays
- nhostkid

Filters

Marks

Automatic

Color Size Text

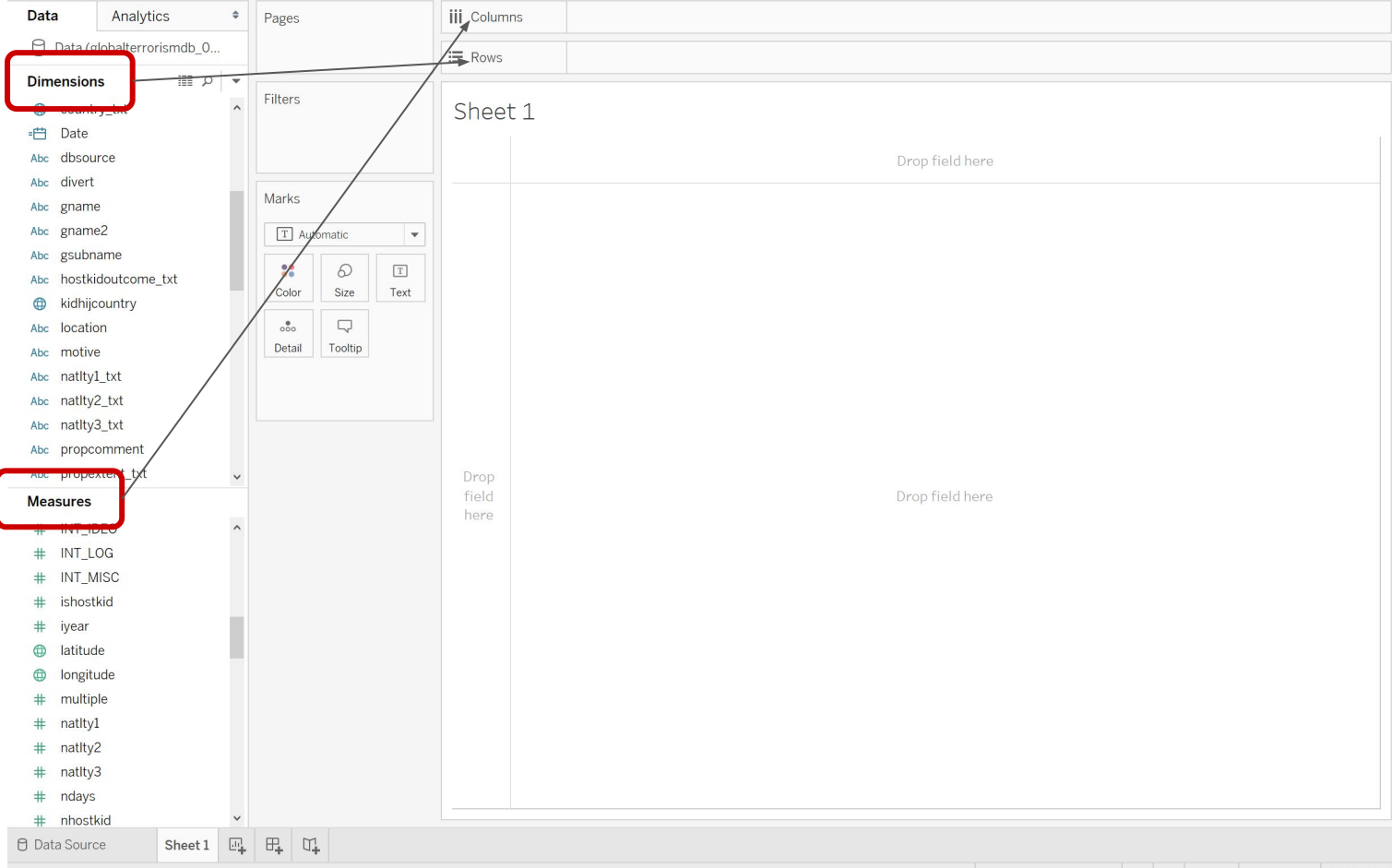
Detail Tooltip

Sheet 1

Drop field here

Drop field here

Data Source Sheet 1



# Dimensions Vs Measures

Le Misure sono dei campi numerici che posso aggregare secondo le Dimensioni

Numero di persone uccise (**misura**) per anno (**dimensione**)

Numero di attacchi (**misura**) nei vari stati (**dimensione**)

Danni complessivi (**misura**) commessi dai vari gruppi (**dimensione**)

**Dimensioni:** date, categorie, luoghi geografici

**Misure:** numero di attacchi, numero di persone uccise, numero di danni

Tableau automaticamente mette tutti i campi numerici tra le **misure** e i restanti tra le **dimensioni**

# Dimensions Vs Measures

Tableau automaticamente mette tutti i campi numerici tra le **measure** e i restanti tra le **dimensioni**.

Il campo anno è una misura o una dimensione?

I campi possono essere spostati da misura a dimensione e viceversa

Tableau calcola un nuovo campo che corrisponde al numero di records del dataset. Nel caso GTD corrisponde al numero di attacchi terroristici. Questo è un campo di tipo misura. Utile ad esempio se voglio conoscere il numero di attacchi avvenuti in un paese.

# Domande

Il terrorismo è un fenomeno in espansione?

Quali paesi sono maggiormente interessati?

Qual'è il gruppo terroristico più attivo?

Qual'è stato l'attentato terroristico più nefasto?

Numero di persone uccise ogni anno in  
attacchi terroristici

## Measures

- # crit3
- # doubtterr
- # eventid
- # extended
- # guncertain1
- # guncertain2
- # hostkidoutcome
- # iday
- # imonth
- # individual
- # INT\_ANY
- # INT\_IDEO
- # INT\_LOG
- # INT\_MISC
- # ishostkid
- # **iyear**
- 🌐 latitude
- 🌐 longitude

Data Source Sheet 1

### Add to Sheet

Duplicate

Rename

Hide

Create ▶

Transform ▶

Convert to Discrete

**Convert to Dimension**

Change Data Type ▶

Geographic Role ▶

Default Properties ▶

Group by ▶

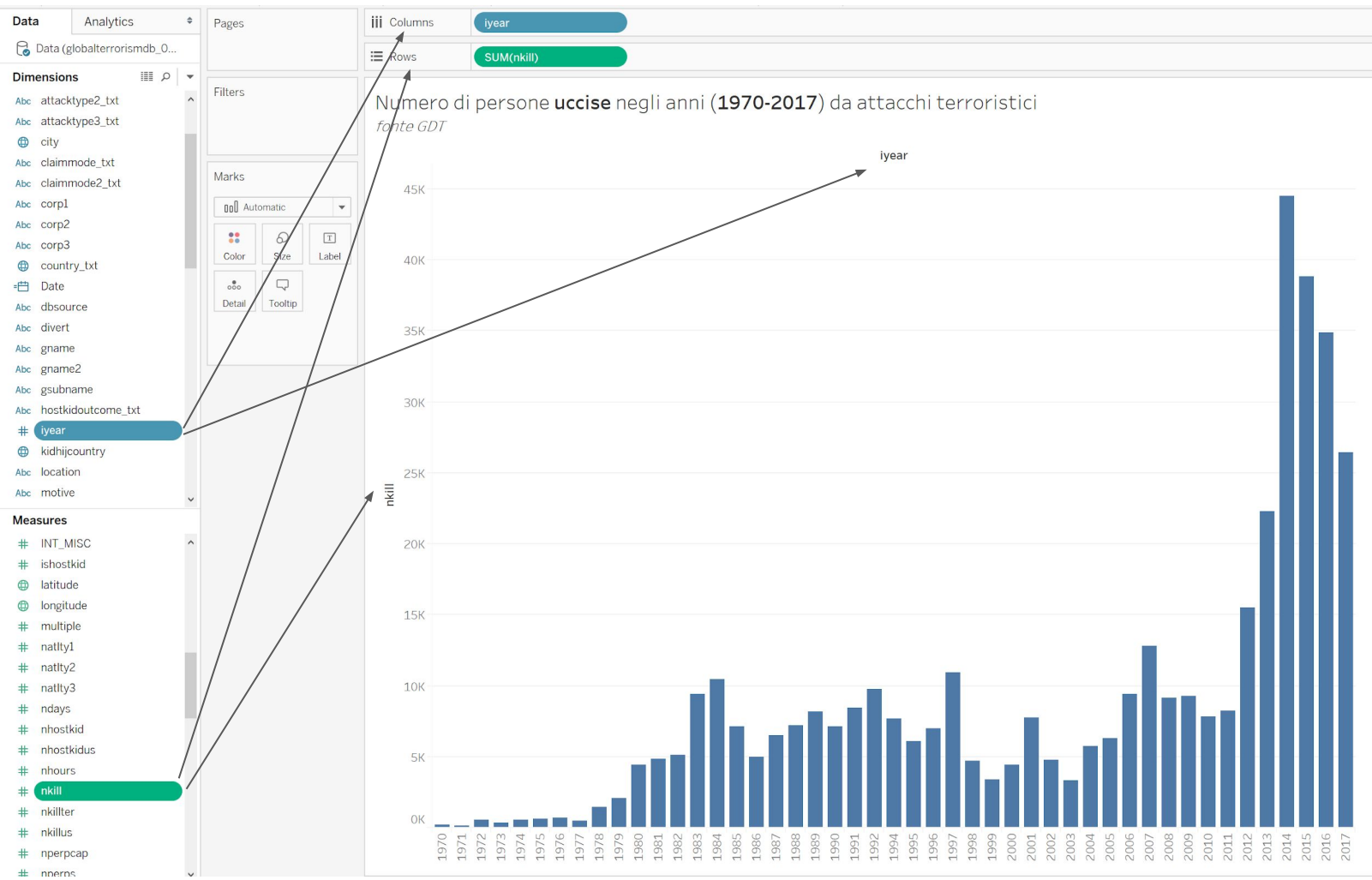
Folders ▶

Replace References...

Describe...

L'anno automaticamente è stato posizionato tra le misure in quanto il software mette tutti i numeri tra le misure.

**Si converte a dimensione**





Numero di persone uccise in ogni paese

Dimensions

- Abc attacktype2\_txt
- Abc attacktype3\_txt
- city
- Abc claimmode\_txt
- Abc claimmode2\_txt
- Abc corp1
- Abc corp2
- Abc corp3
- country\_txt
- Date
- Abc dbsource
- Abc divert
- Abc gname
- Abc gname2
- Abc gsubname
- Abc hostkidoutcome\_txt
- # iyear
- kidhijcountry
- Abc location
- Abc motive

Measures

- # INT\_MISC
- # ishostkid
- latitude
- longitude
- # multiple
- # natly1
- # natly2
- # natly3
- # ndays
- # nhostkid
- # nhostkidus
- # nhours
- # nkill
- # nkiller
- # nkillus
- # nperpcap
- # nperpcap

Automatic

Color Size Label

Detail Tooltip

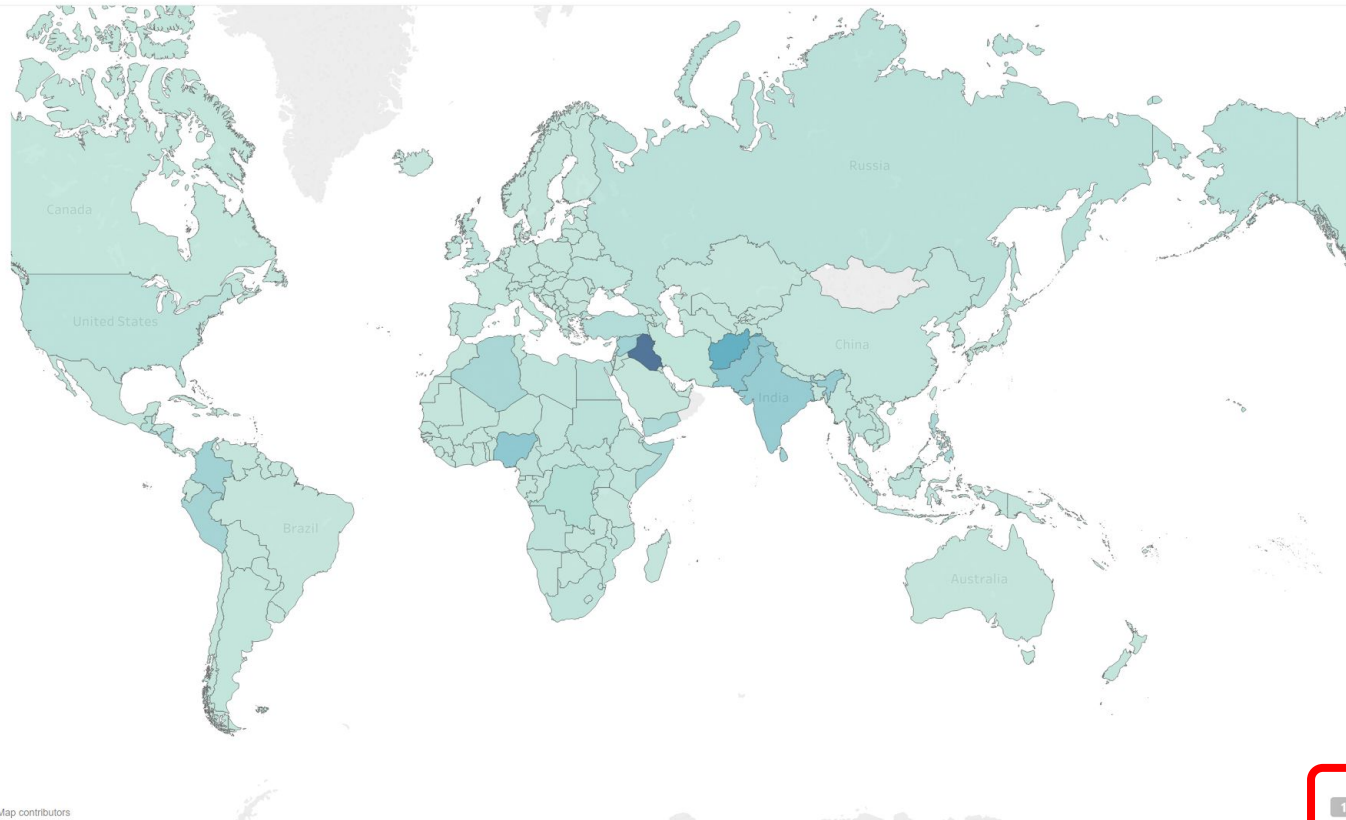
country\_txt

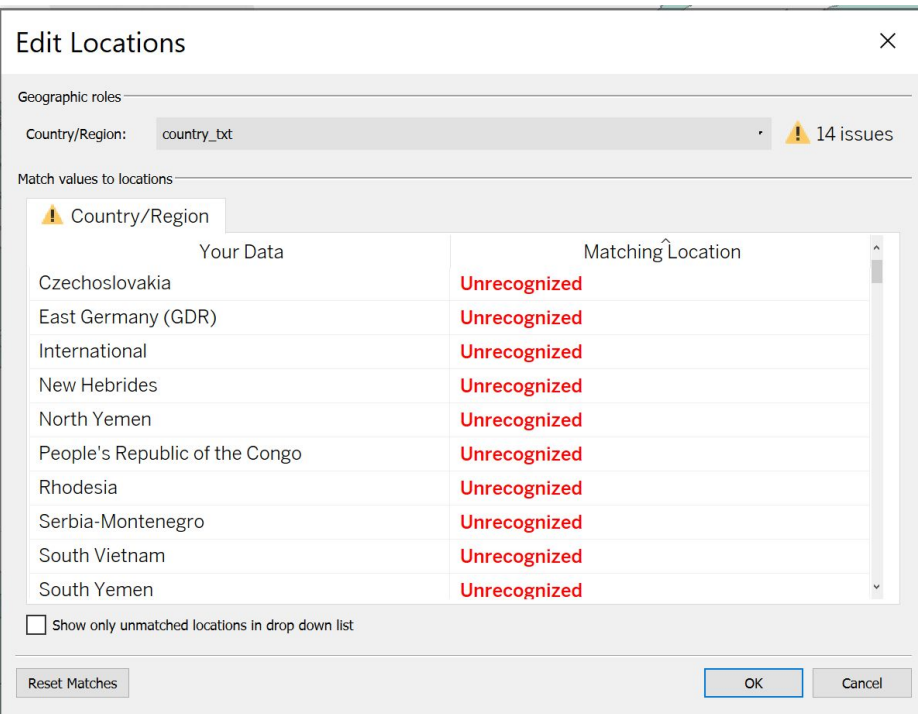
SUM(nkill)

Longitude (generated)

Latitude (generated)

Numero di persone **uccise** da attacchi terroristici negli anni (1970-2017) suddivisi per paese  
*fonte GDT*





## Unioni

- North Vietnam + South Vietnam > Vietnam; 1976
- East Germany + West Germany > Germany; 1989
- North Yemen + South Yemen > Yemen; 1990

## Frammentazioni

- Yugoslavia > Bosnia Herzegovina; Croatia; Kosovo; Macedonia; Montenegro; Serbia.
- Czechoslovakia > Czech Republic, Slovakia
- Soviet Union > Russia; Azera; Armenia; Lettonia, Lituania, Estonia, Georgia, Bielorussia, Ucraina, Uzbekistan, Turkmenistan, Kazakistan, Kirgikistan, Moldavia.

## Cambio di nome/confini

- Rhodesia > Zimbabwe
- People's Republic of the Congo > Republic of the Congo 1991
- West Bank and Gaza Strip
- New Hebrides > Vanuatu

# Processo Iterativo nelle domande

Abbiamo visto:

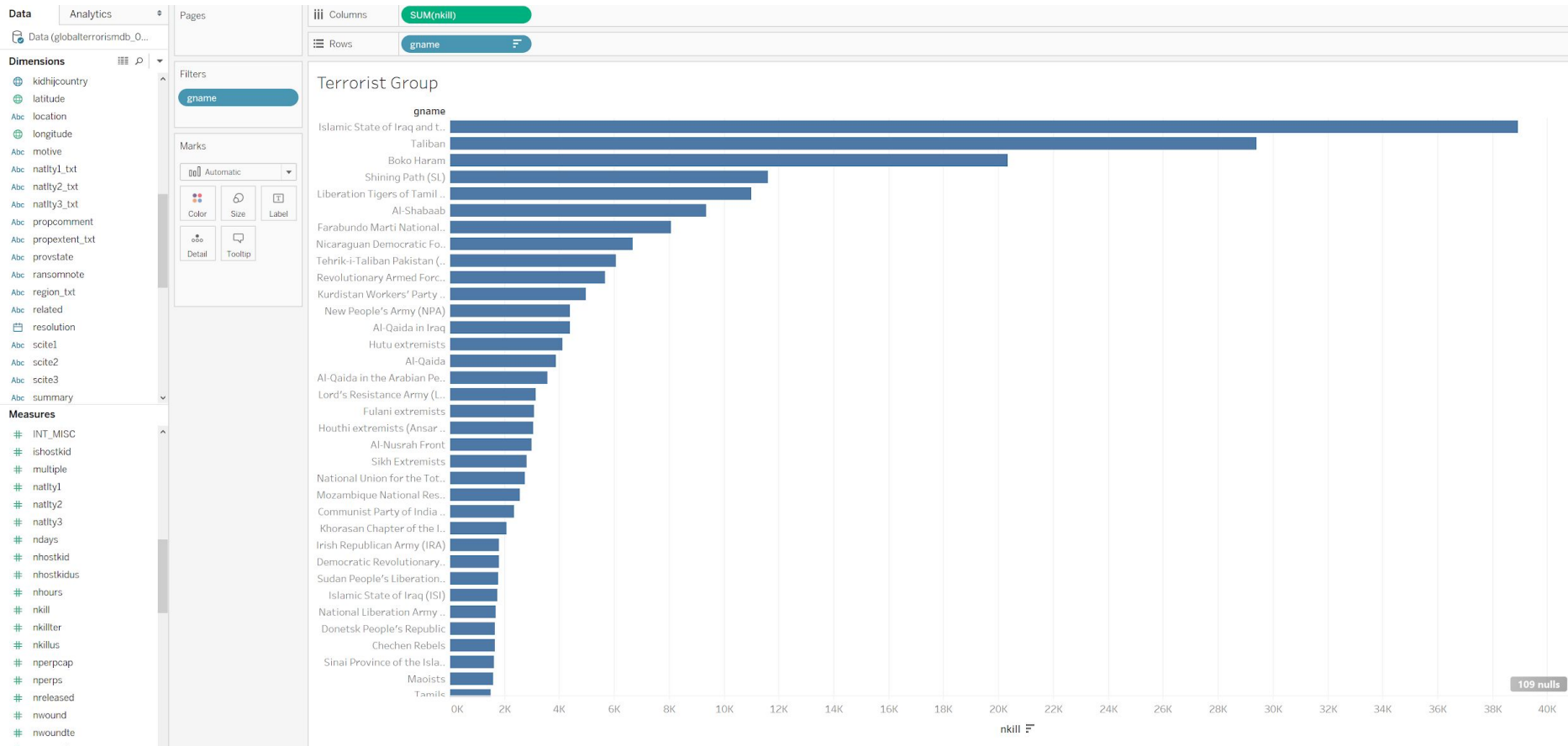
- Quante persone sono state uccise in attacchi terroristici negli anni?
- Quali sono gli stati dove sono state uccise più persone?

Possiamo chiederci:

- Quali gruppi terroristici sono stati responsabili dei maggiori attacchi?
- Quali sono gli attacchi terroristici più letali ?
- C'è stata una evoluzione nel tempo delle zone interessate dal terrorismo?

Gruppi terroristici responsabili dei  
maggiori attacchi

# Quali gruppi terroristici sono stati responsabili dei maggiori attacchi?



Attacchi terroristici più gravi

Assicurarsi che i campi **longitude** e **latitude** siano tra le **dimensioni** e siano riconosciuti come tali da Tableau

A screenshot of the Tableau interface showing a list of fields on the left and a context menu open over the 'longitude' field. The 'Measures' list includes 'idday', 'imonth', 'individual', 'INT\_ANY', 'INT\_IDEO', 'INT\_LOG', 'INT\_MISC', 'ishostkid', 'latitude', and 'multiple'. The 'Dimensions' list includes 'dbsource', 'divert', 'gname', 'gname2', 'gname3', 'gsubname', and 'gsubname2'. The context menu for 'longitude' has 'Convert to Dimension' highlighted in blue.

- dbsource
- divert
- gname
- gname2
- gname3
- gsubname
- gsubname2

**Measures**

- idday
- imonth
- individual
- INT\_ANY
- INT\_IDEO
- INT\_LOG
- INT\_MISC
- ishostkid
- latitude
- longitude
- multiple

**Context Menu for 'longitude':**

- Add to Sheet
- Show Filter
- Duplicate
- Rename
- Hide
- Create
- Convert to Discrete
- Convert to Dimension**
- Change Data Type
- Geographic Role
- Default Properties
- Group by
- Folders
- Replace References...
- Describe...

A screenshot of the Tableau interface showing the 'Dimensions' shelf with 'longitude' highlighted in green. A context menu is open over 'longitude', with 'Geographic Role' highlighted in blue. The 'Geographic Role' sub-menu is also open, showing 'Longitude' as the selected option.

**Dimensions**

- Date
- dbsource
- divert
- gname
- gname2
- gsubname
- hostkidoutcome\_txt
- iyear
- kidhijcountry
- latitude
- location
- longitude**
- motive
- natly1\_txt
- natly2\_txt
- natly3\_txt
- propcomment
- propextent\_txt
- provstate

**Measures**

- crit1
- crit2
- crit3
- doubtterr
- eventid
- extended
- guncertain1
- guncertain2
- hostkidoutcome
- idday
- imonth
- individual
- INT\_ANY
- INT\_IDEO
- INT\_LOG

**Context Menu for 'longitude':**

- Add to Sheet
- Duplicate
- Rename
- Hide
- Create
- Transform
- Convert to Discrete
- Convert to Measure
- Change Data Type
- Geographic Role**
- Default Properties
- Group by
- Folders
- Hierarchy
- Replace References...
- Describe...

**Geographic Role Sub-menu:**

- None
- Airport
- Area Code (U.S.)
- CBSA/MSA (U.S.)
- City
- Congressional District (U.S.)
- Country/Region
- County
- Latitude
- Longitude**
- NUTS Europe
- State/Province
- ZIP Code/Postcode
- Create from



Double click on latitude e longitude



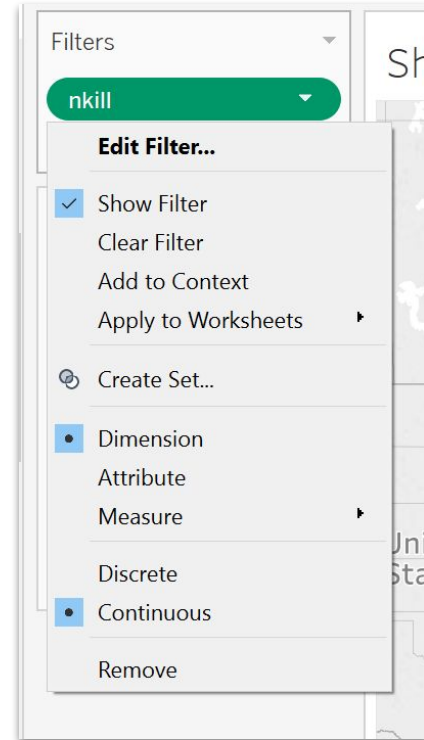
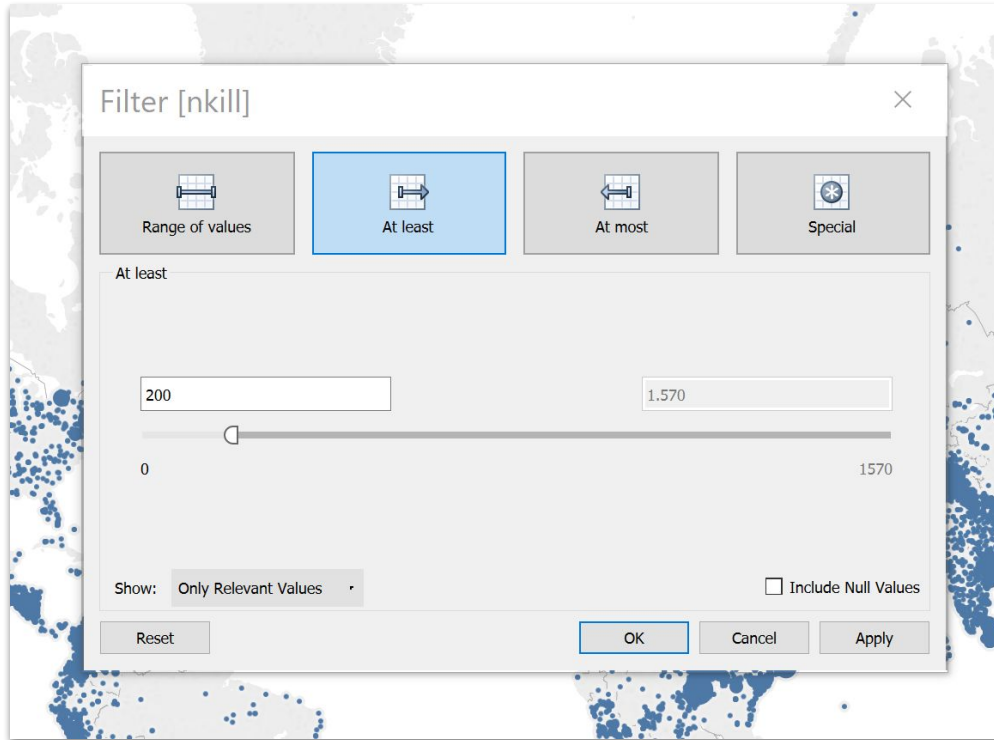
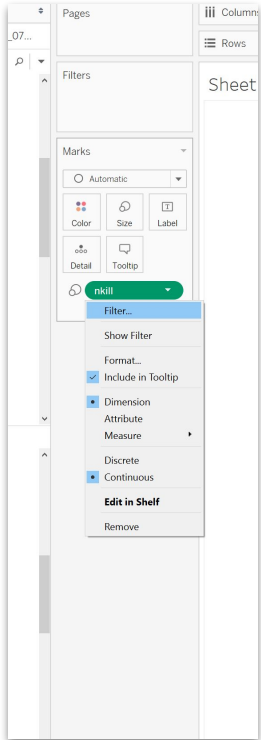
Trascina nkill su size

The screenshot shows the Tableau Desktop interface. The main view is a world map titled 'Sheet 5' with 'longitude' on the Columns shelf and 'latitude' on the Rows shelf. The 'nkill' field is currently on the Marks shelf. A context menu is open over 'nkill', with the 'Dimension' option selected. The menu options are: Filter..., Show Filter, Format..., Include in Tooltip, Dimension (selected), Attribute, Measure, Discrete, Continuous, Edit in Shelf, and Remove. The 'nkill' legend on the right shows a size scale from 0 to 1570. The bottom status bar indicates '983 marks' and '1 row by 1 column'.

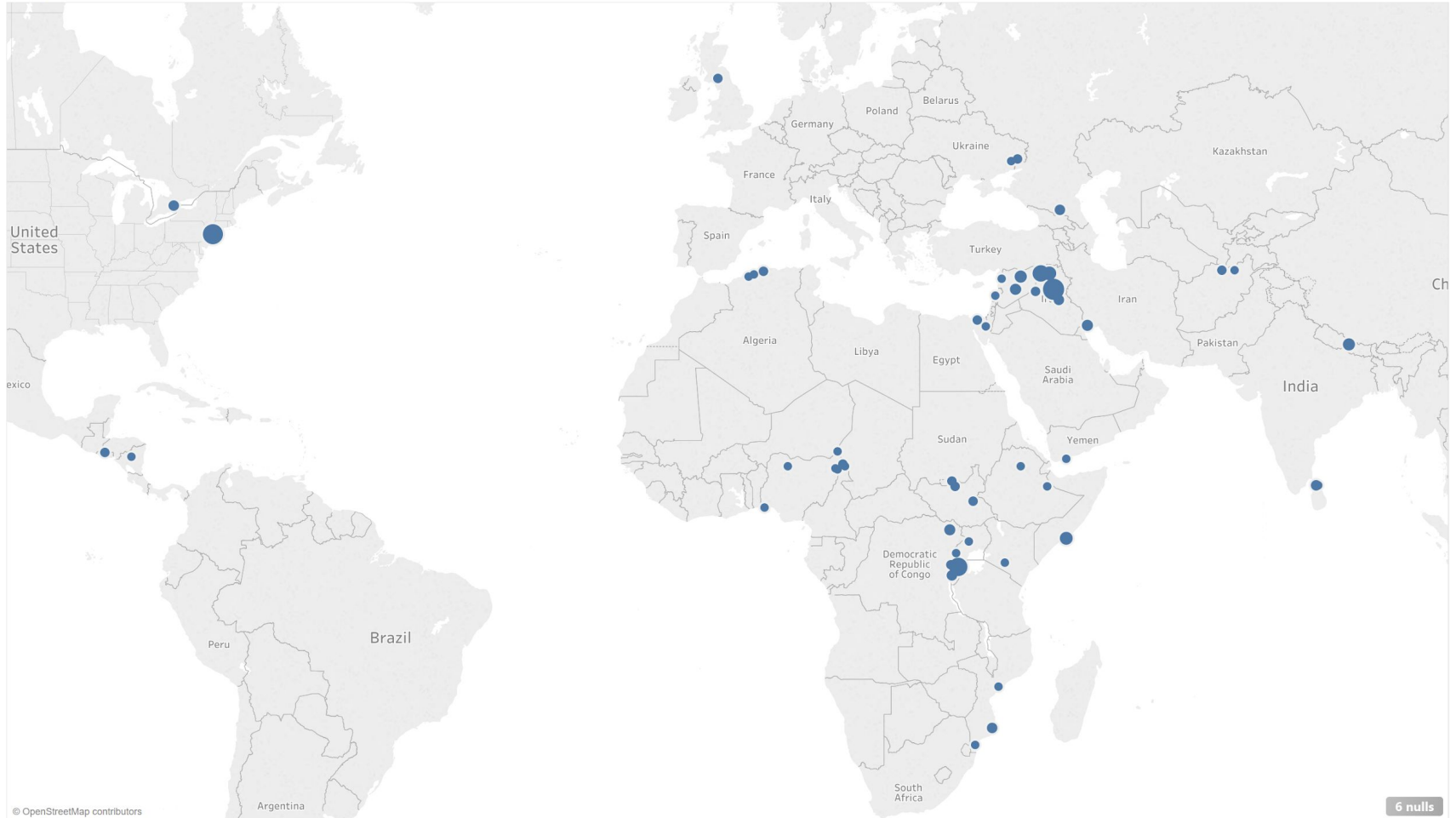
Questa visualizzazione non è comprensibile

Occorre inserire dei filtri

Inside Marks area click on nkill and select Filter, select At least 200.  
Inside Filters area click on nkill and select show filter



# Major Terrorist Attack



# Requesting an academic license

## [Programmi accademici di Tableau](#)

[Tableau per studenti](https://www.tableau.com/it-it/academic/students) (<https://www.tableau.com/it-it/academic/students>)

[Tableau per l'insegnamento](#)

# Learning Tableau Desktop

<https://www.tableau.com/support/help>



Tableau Desktop and Web Authoring

HTML | PDF | WINDOWS 64-BIT HELP | MAC OS HELP

Help

What's New

Get Started

Connect to and Prepare Data

Build Charts and Analyze Data

Present Your Work

Publish Data Sources and Workbooks

Using Tableau on the Web

Reference

Manuali in  
vari formati

Tutorials and Guides

Getting Started with Tableau Desktop

Tableau Desktop and Tableau Prep  
Deployment Guide

Training Videos

Tableau Training Videos

Whitepapers

Tableau Whitepapers

Knowledge Base

Tableau Knowledge Base

Community Forums

Tableau Community Forums

Tutorial and  
Guides

Video Tutorials (esiste  
anche la versione in  
italiano)