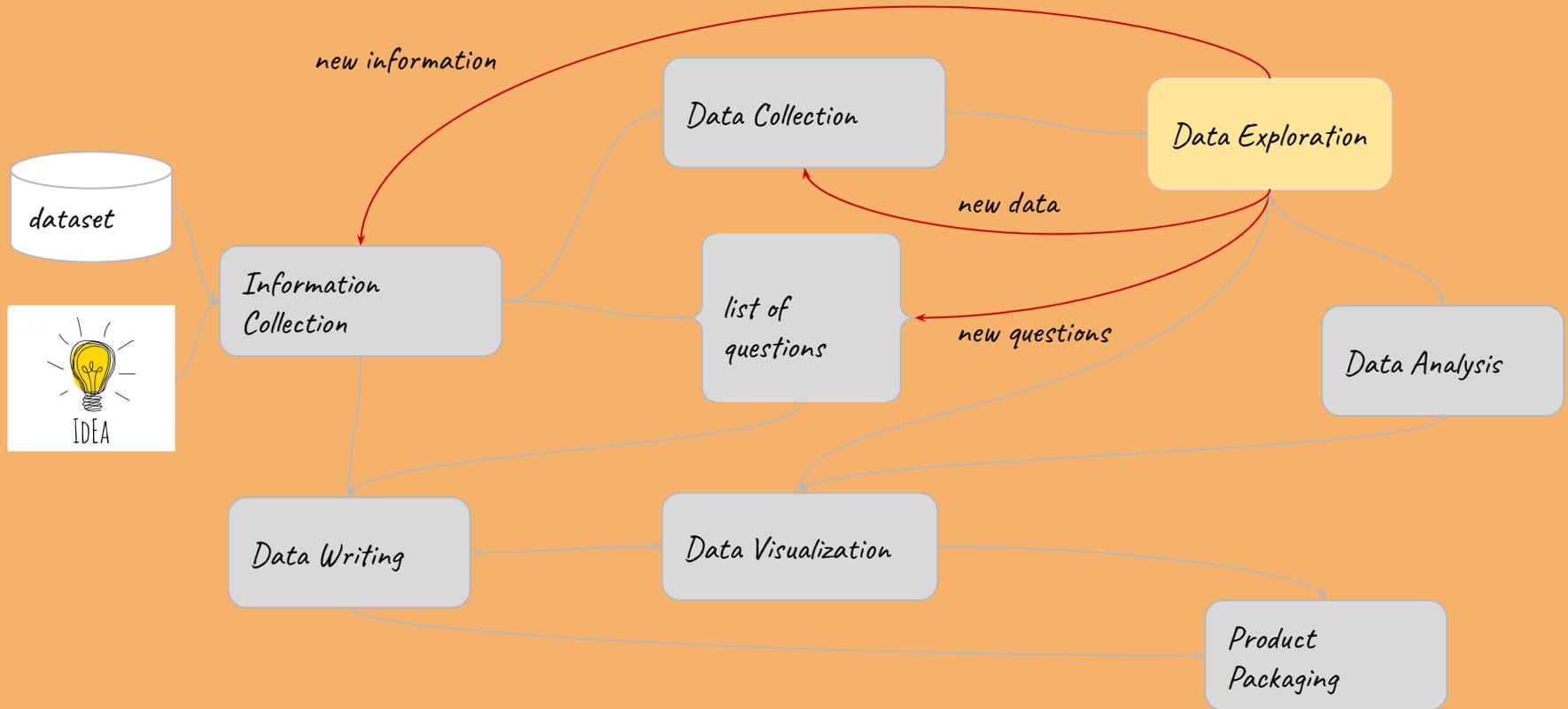




# Data Exploration

## 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 **1970-2022**

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? Is the Hamas attack on October 7, 2023 a terrorist event? And Israel's response?

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

# Data Model

Data

Luogo

Organizzazione  
Terroristica

Tipo del  
bersaglio

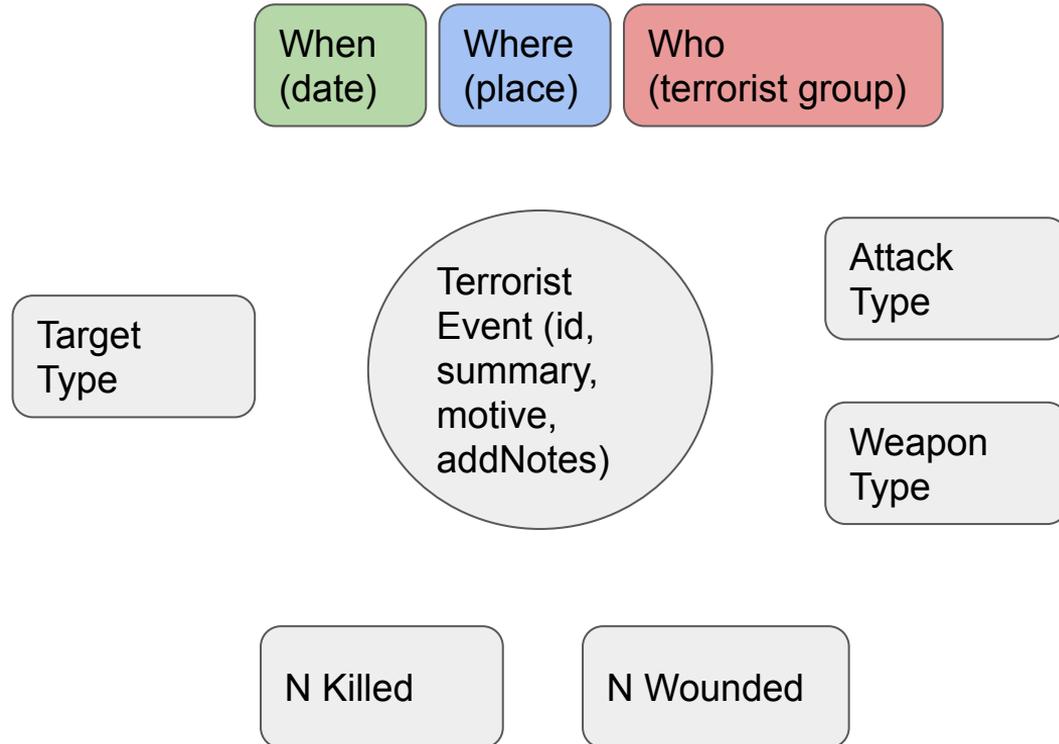


Tipo  
attacco

Tipo arma  
utilizzata

Danni

# Data Model



# Data Model

Private citizens & Property  
Military  
Government  
Business  
Police  
Transportation  
Tourists

Target Type

When (date)

Where (place)

Who (terrorist group)

Terrorist Event (id, summary, motive, addNotes)

Attack Type

Weapon Type

N Killed

N Wounded

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

# Data Model

Private citizens & Property  
Military  
Government  
Business  
Police  
Transportation  
Tourists

Target  
Type

When  
(date)

Where  
(place)

Who  
(terrorist group)

Terrorist  
Event (id,  
summary,  
motive,  
addNotes)

Attack  
Type

Weapon  
Type

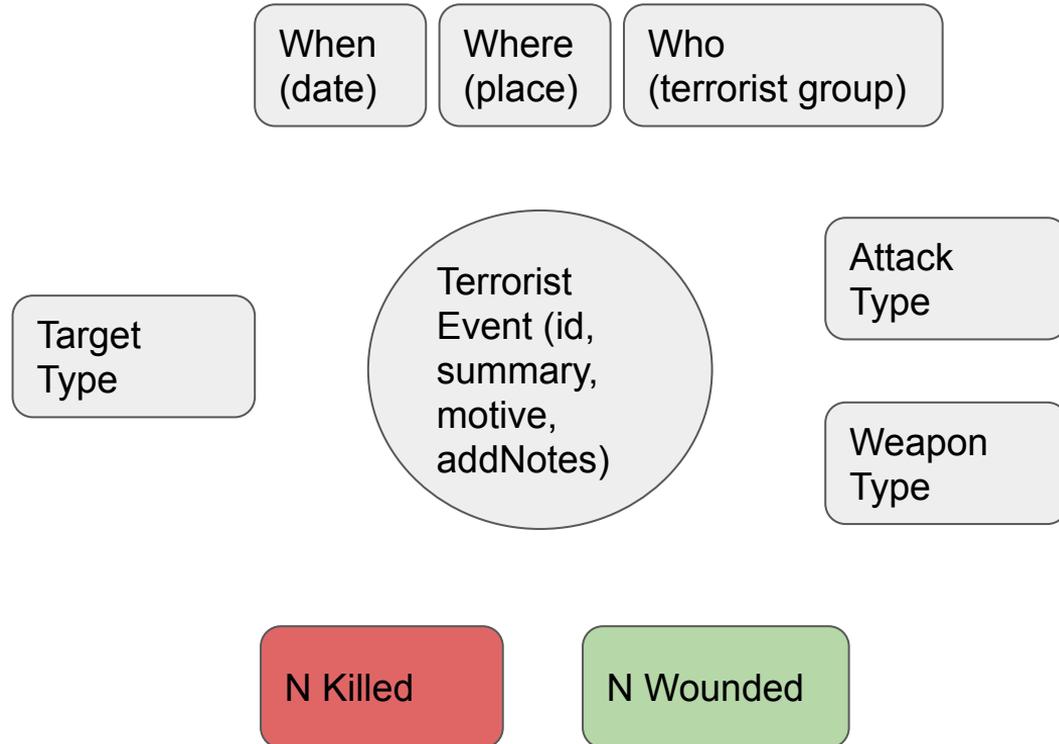
N Killed

N Wounded

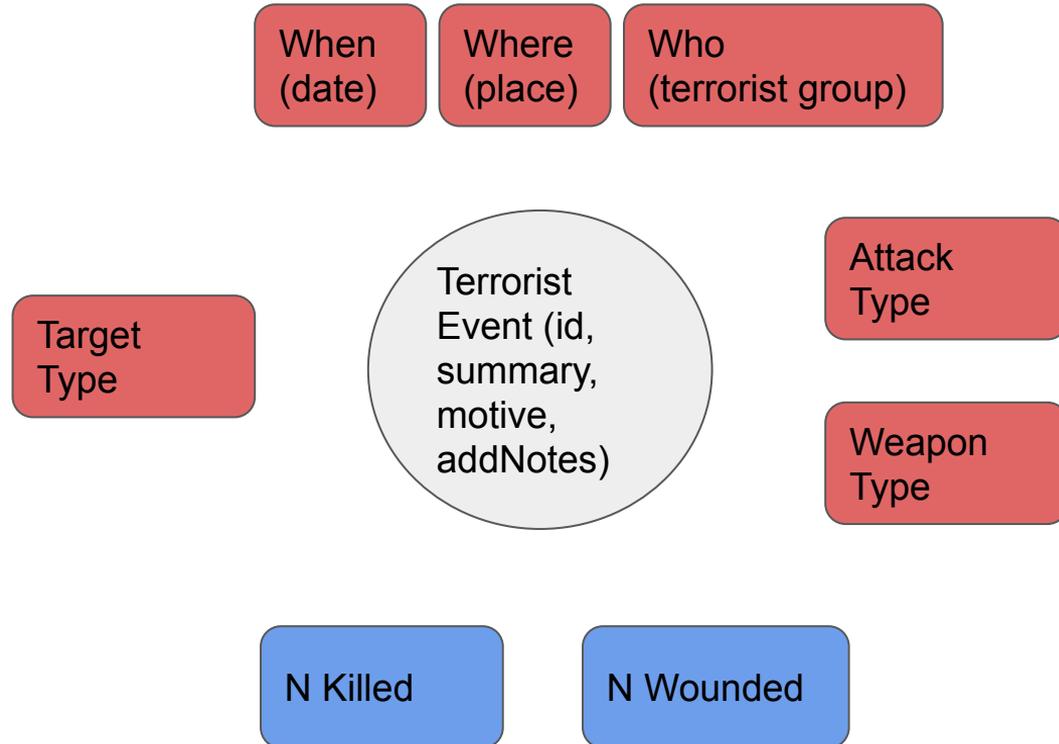
Bombing/Explosion  
Armed Assault  
Facility/Infrastructure Attack  
Assassination  
Hostage Taking (Kidnapping)  
Hijacking  
Hostage Taking (Barricade  
Incident)  
Unarmed Assault

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

# Data Model



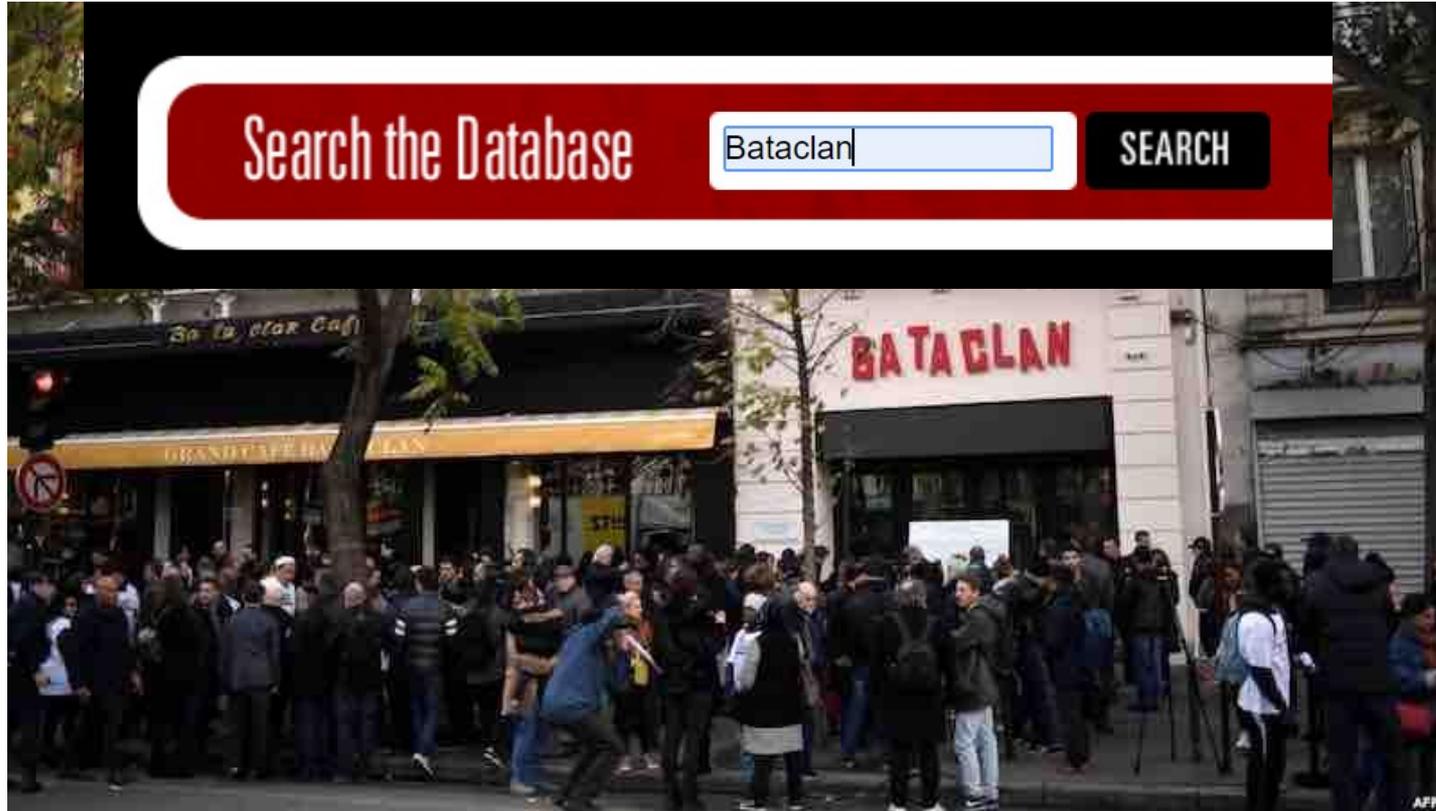
# Data Model



**Categorie o dimensioni**

**Misure**

# 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 Convidi

Taglia Copia Copia formato

Calibri 11 A A

Generale Normale Neutrale Valore non v. Valore valido Calcolo

Formattazione Formatta come Cella collegata Cella da conti. Input Nota Output

Inserisci Elimina Formato

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			1	
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				1
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				1
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				1
17	19700110001	1970	1	11		0		65	Ethiopia	11	Sub-Saharan Africa	Unknown	Unknown			5	0				1
18	197001120001	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	197001120002	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	197001130001	1970	1	13		0		217	United States	1	North America	Washington	Seattle	47,610786	-122,331306	1	0			1/13/1970: Unknown	1
21	197001140001	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	19700150001	1970	1	15		0		218	Uruguay	3	South America	Montevideo	Montevideo	-34,891151	-56,187214	1	0				1
23	19700190002	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	19700190003	1970	1	19		0		217	United States	1	North America	Washington	Seattle	47,610786	-122,331306	1	0		1/17/1970: Silas an	1	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: Unknown	1
26	19700120001	1970	1	20		0		83	Guatemala	2	Central America & Guatemala	Guatemala City	14,622869	-90,529068	1	0					1
27	197001210001	1970	1	21		0		160	Philippines	5	Southeast Asia	Metropolitan Manil	Quezon City	14,67428	121,057495	1	0				1
28	197001220001	1970	1	22		0		222	Venezuela	3	South America	Caracas	Caracas	10,482834	-66,962128	1	0				1
29	197001220002	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	19700150001	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	19700150002	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	19700150001	1970	1	26		0		217	United States	1	North America	Mississippi	West Point	33,60651	-88,650419	1	0			1/26/1970: Unknown	1
33	19700150002	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	197001270002	1970	1	27		0		217	United States	1	North America	Ohio	Norwalk	41,241996	-82,615241	1	0			1/27/1970: Unknown	1
35	197001280001	1970	1	28		0		499	East Germany (GDR	9	Eastern Europe	Berlin	Berlin	52,50153	13,401851	1	0				1
36	197001280002	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	197001300001	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	197001300002	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	197001310001	1970	1	31		0		160	Philippines	5	Southeast Asia	Tarlac	Bamban	15,675051	120,331618	1	0				1
41	197001310002	1970	1	31		0		217	United States	1	North America	Colorado	Denver	39,758968	-104,876305	1	0		2105 Decatur Street	1/31/1970: Unknown	1
42	197002010001	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 unknc	1
43	197002010002	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	197002020001	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	197002030001	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	197002030002	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	197002040001	1970	2	4		0		217	United States	1	North America	Ohio	Akron	41,084395	-81,514059	1	0		Outside apartment	2/4/1970: In an att	1
48	197002050001	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	197002060002	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

**214.666** righe ovvero Attacchi terroristici registrati fino al 30-06-2022

**109** colonne o campi

per ridurre i tempi ho filtrato il dataset riducendo il numero dei campi a **41**

[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

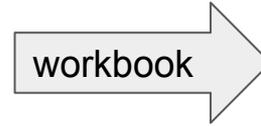


Tableau Mobile

Browser

+tableau<sup>+</sup>public

Create

Publish

Read

# Tableau Desktop

Let's Start

# 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)

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... >

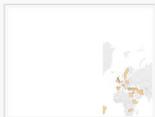
Saved Data Sources

Sample - EU Superstore

Sample - Superstore

World Indicators

### Open



Global Terrorism DB



GTD\_Global Terroris...

Open a Workbook

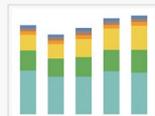
### Sample Workbooks



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 DatiInterprete dei Dati potrebbe  
la cartella di lavoro Micro

Data

Nuova unificazione

Data (globalterrorismdb\_0221dist)

Connessione

 Live  Estrazione

Filtri

0 | Aggiungi

	Text / String / Character values
	Numeric / Integer values
	Date values
	Date and Time values
	Boolean (True/False) values
	Geographic values that are to be used with Maps

#

Extended

Data

extended



## 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	Calendar Data resolution	# Data countrycode	# 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([year]))`

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

Drop field here

Data Source Sheet 1

# Dimensions Vs Measures

Le Misure sono dei campi numerici che si possono 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, costo dei danni

# Dimensions Vs Measures

Tableau automaticamente mette tutti i campi numerici tra le **misure** 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 manualmente

Tableau calcola automaticamente un nuovo campo **Data (Conteggio)** 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 per una certa dimensione.

# Sistemiamo e riduciamo i 41 campi

<b>Dimensioni</b>		<b>Misure</b>	
Spaziali	Country txt, Region txt, Latitude, Longitude	Numero di persone uccise	NKill
Temporal	Date, lyear	Numero di persone ferite	NWound
Gruppo Terroristico	Gname	Numero di attacchi	Data (conteggio)
Descrizione	Summary, Alternative Txt		

<b>Alternative Txt</b>	Altra descrizione attacco
<b>Country Txt</b>	Paese in cui avviene l'attacco
<b>Date</b>	Giorno dell'attacco
<b>Gname</b>	Nome del gruppo terroristico
<b>Latitude, Longitude</b>	Coordinate attacco
<b>Summary</b>	Descrizione attacco
<b>NKill</b>	Numero di persone uccise
<b>Nwound</b>	Numero di persone ferite
<b>Data (Conteggio)</b>	Numero di attacchi terroristici

# 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?

# Il terrorismo è un fenomeno in espansione?

Numero di persone uccise in attacchi terroristici ogni  
anno dal 1970 al 2020

## 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**

Dati **Analisi**

Data (globalterrorismdb\_20220630)

Cerca

- Tabelle**
- Alternative Txt
  - Country Txt
  - Date
  - Gname
  - lyear
  - Latitude
  - Longitude
  - Summary
  - Nomi misure
  - Nkill
  - Nwound
  - Data (Conteggio)
  - Latitudine (generata)
  - Longitudine (generata)
  - Valori misure

Pagine

Colonne

Righe

Filtri

Indicatori

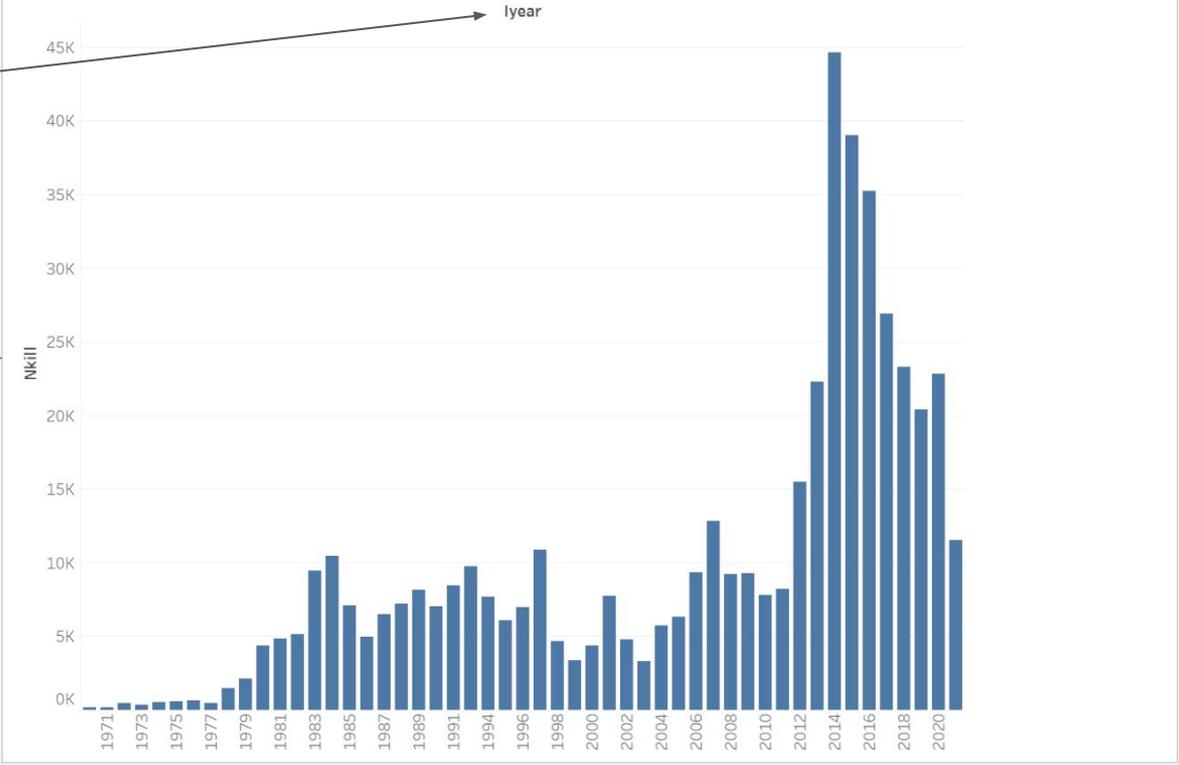
Automatico

Colore Dimensione Etich...  
Dettagli Informazioni

lyear

SOMMA(Nkill)

Foglio 1



# Quali paesi sono stati maggiormente interessati dal fenomeno del terrorismo?

Numero di persone uccise in ogni paese dal 1970 ad oggi

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

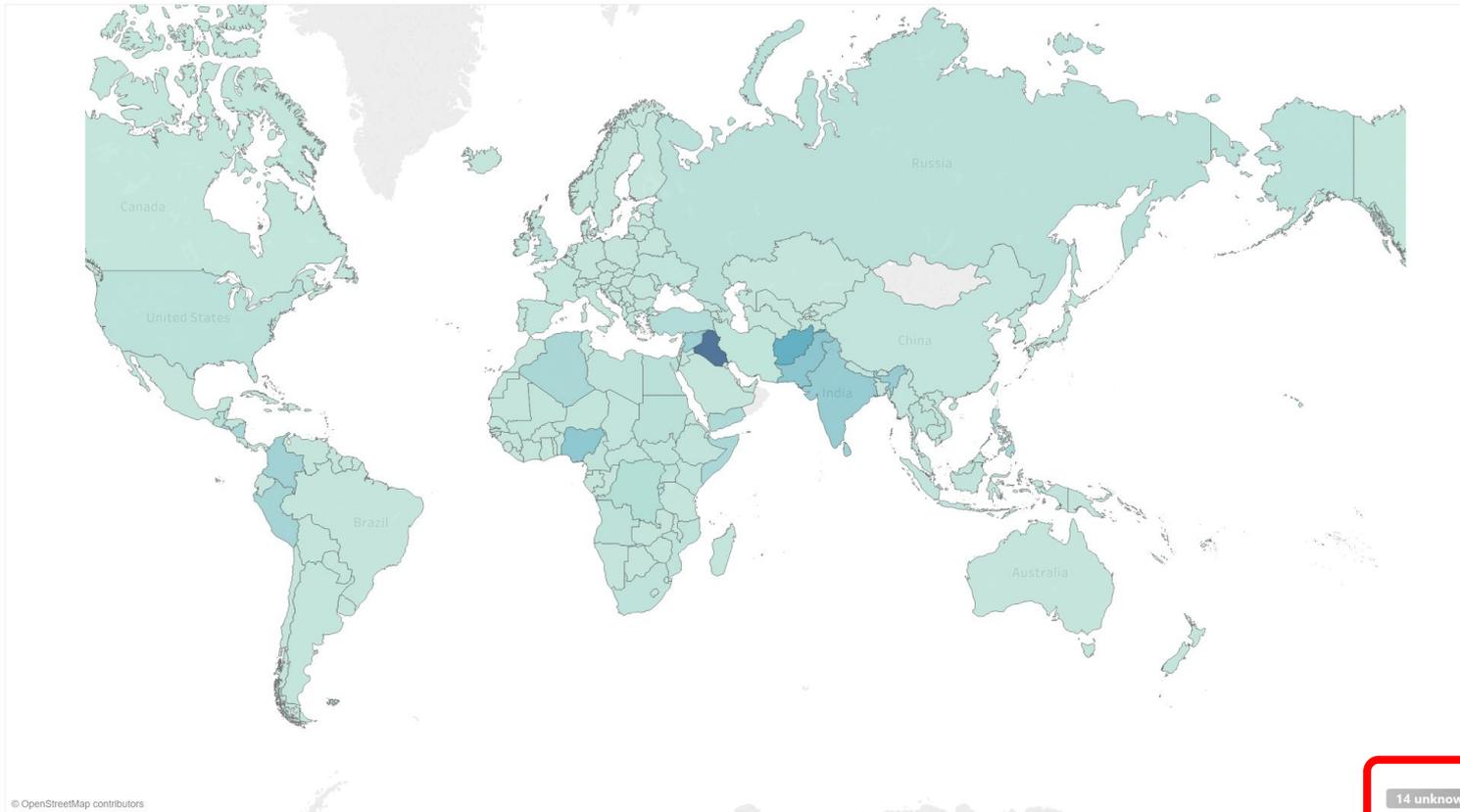
country\_txt

SUM(nkill)

Longitude (generated)

Latitude (generated)

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



Edit Locations ×

Geographic roles

Country/Region:  ! 14 issues

Match values to locations

! Country/Region

Your Data	Matching Location
Czechoslovakia	Unrecognized
East Germany (GDR)	Unrecognized
International	Unrecognized
New Hebrides	Unrecognized
North Yemen	Unrecognized
People's Republic of the Congo	Unrecognized
Rhodesia	Unrecognized
Serbia-Montenegro	Unrecognized
South Vietnam	Unrecognized
South Yemen	Unrecognized

Show only unmatched locations in drop down list

Reset Matches OK Cancel

## 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?

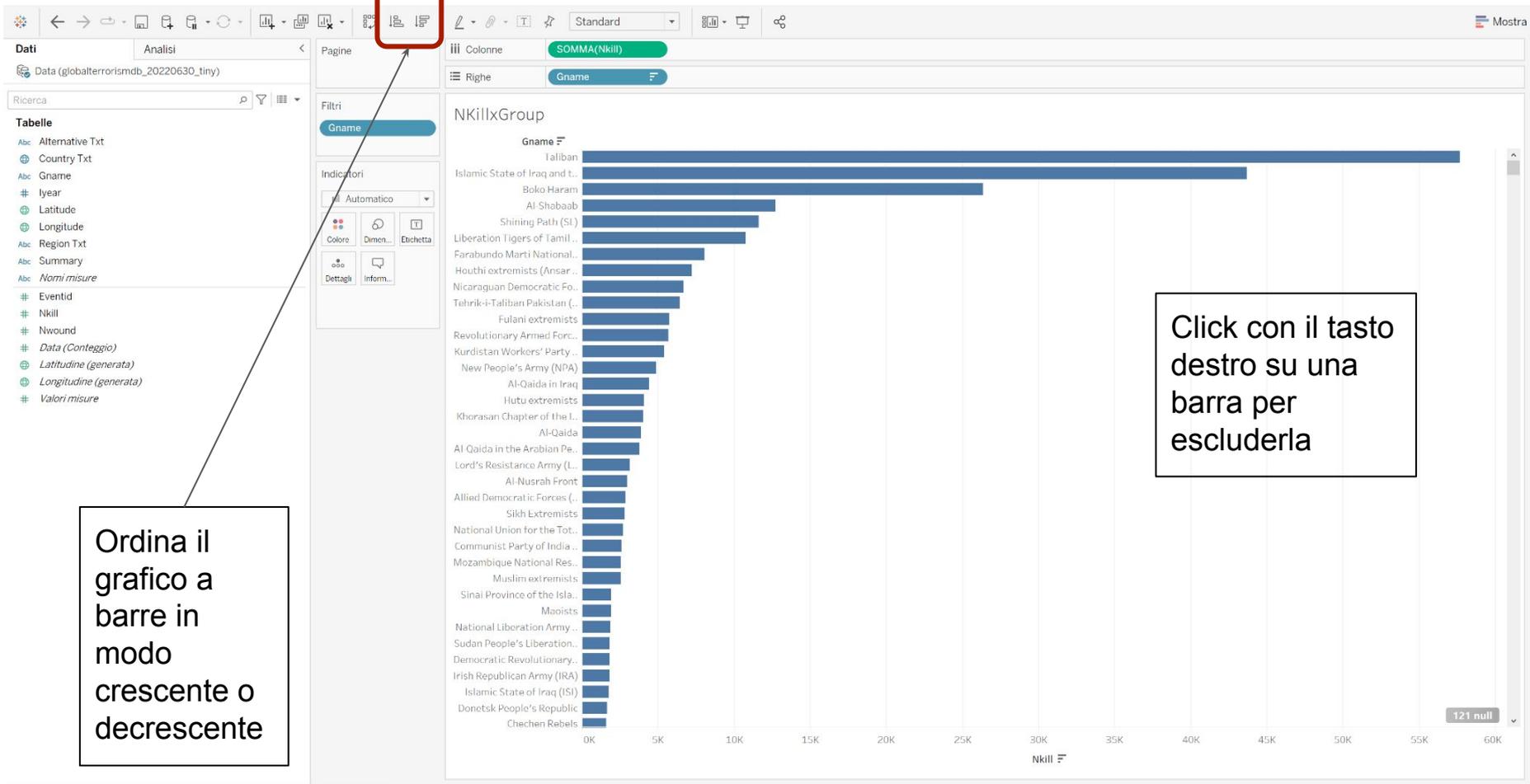
Possiamo chiederci:

- 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?

Qual è il gruppo terroristico  
più attivo?

Numero di attacchi per ogni gruppo terroristico

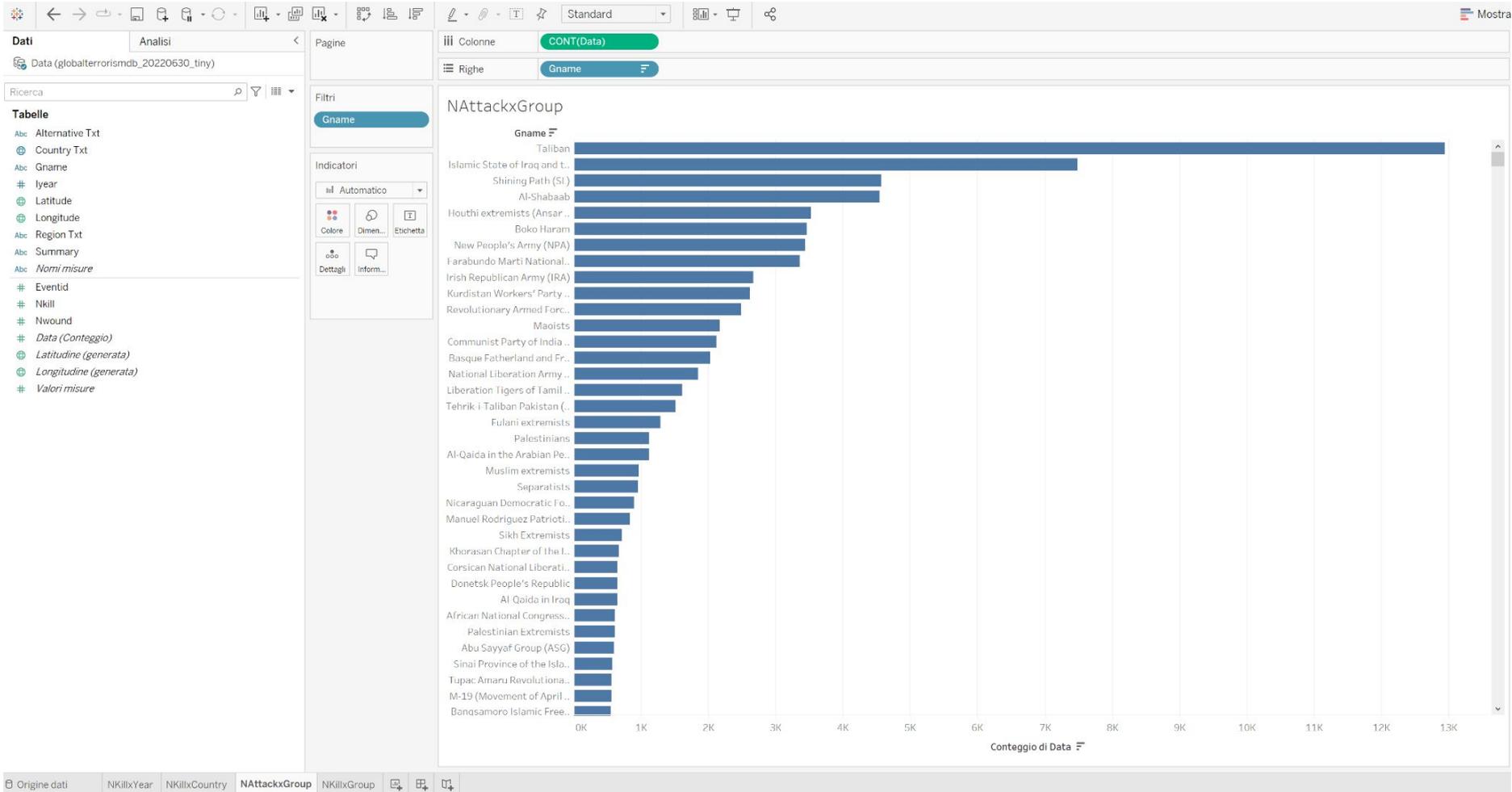
# Quali gruppi terroristici hanno ucciso più persone nei loro attacchi?



Ordina il grafico a barre in modo crescente o decrescente

Click con il tasto destro su una barra per escluderla

# Gruppi terroristici che hanno fatto più attacchi?



# Qual è stato l'attentato terroristico più nefasto?

Mappa degli attentati terroristici con almeno 200  
morti

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

**Dimensions**

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

**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' highlighted in blue. The 'Measures' list includes 'crit1', 'crit2', 'crit3', 'doubtterr', 'eventid', 'extended', 'guncertain1', 'guncertain2', 'hostkidoutcome', 'idday', 'imonth', 'individual', 'INT\_ANY', 'INT\_JDEO', and 'INT\_LOG'. The 'Dimensions' list includes 'Date', 'dbsource', 'divert', 'gname', 'gname2', 'gsubname', 'hostkidoutcome\_txt', 'iyear', 'kidhijcountry', 'latitude', 'location', 'motive', 'natly1\_txt', 'natly2\_txt', 'natly3\_txt', 'propcomment', 'propextnt\_txt', and 'provstate'.

**Dimensions**

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

**Measures**

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



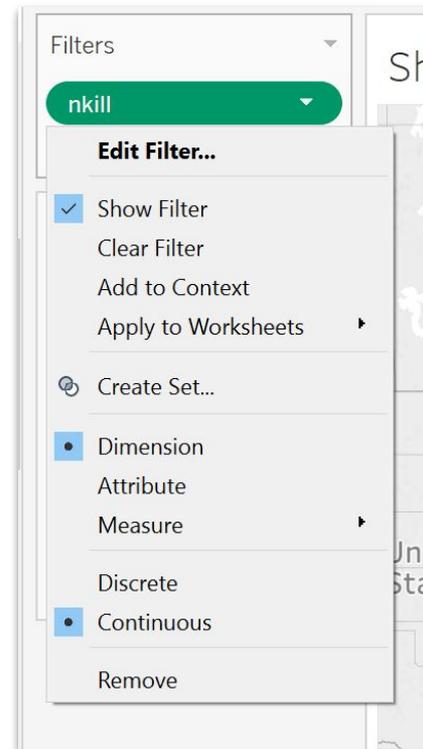
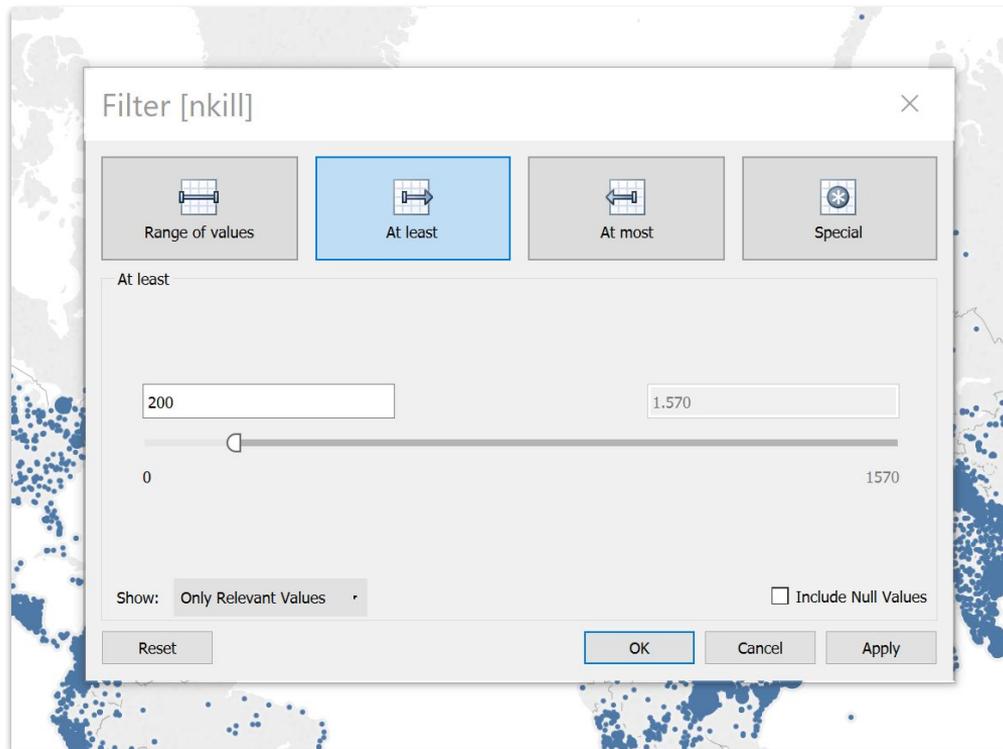
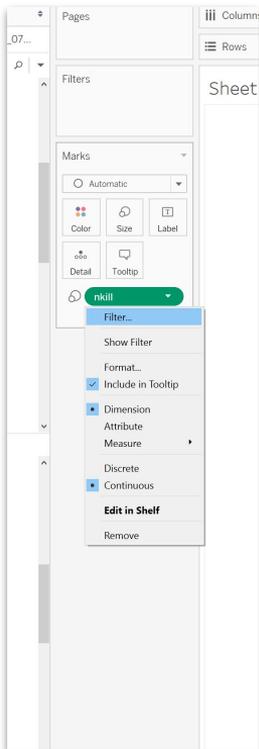
## Trascina nkill su size

Questa visualizzazione non è comprensibile

Occorre inserire dei filtri per lasciare solo gli attacchi principali



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

