



*A Scuola di*  
**OPENCOESIONE**

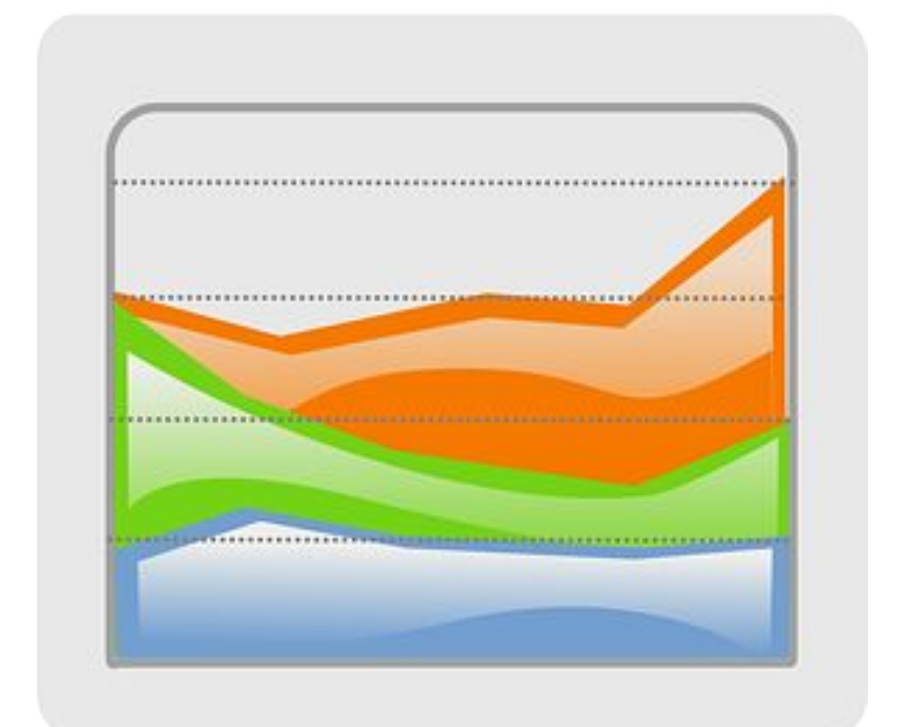
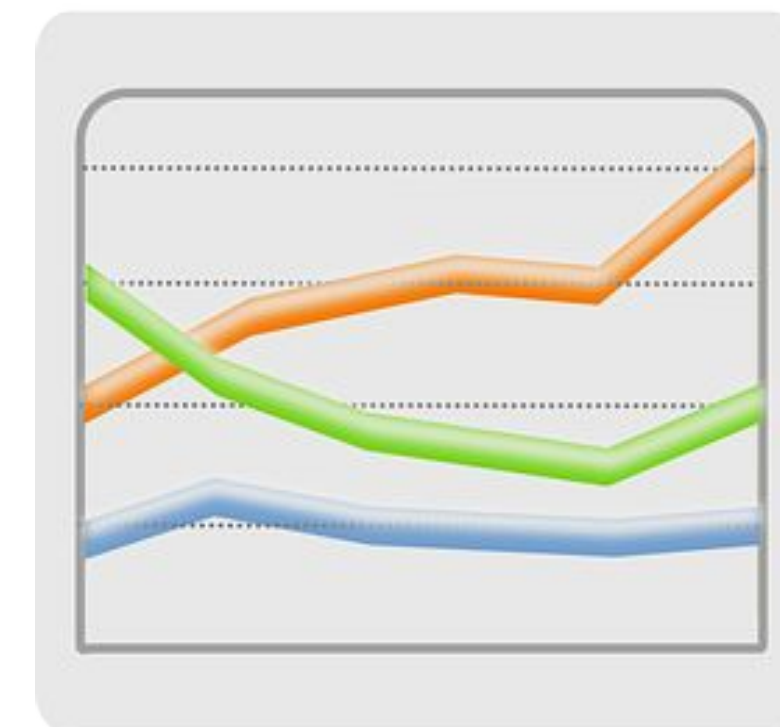
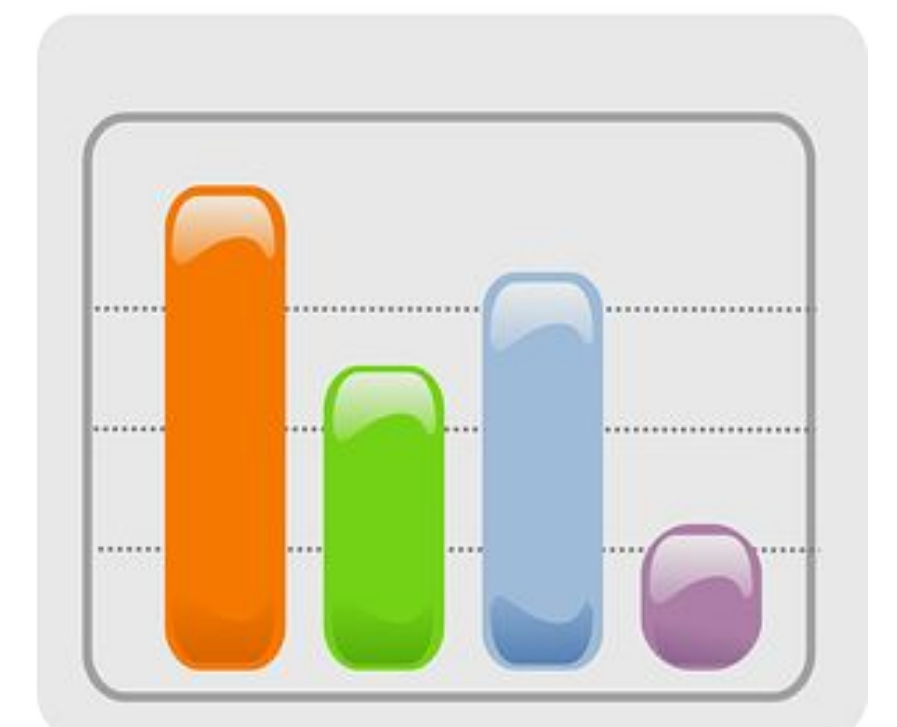
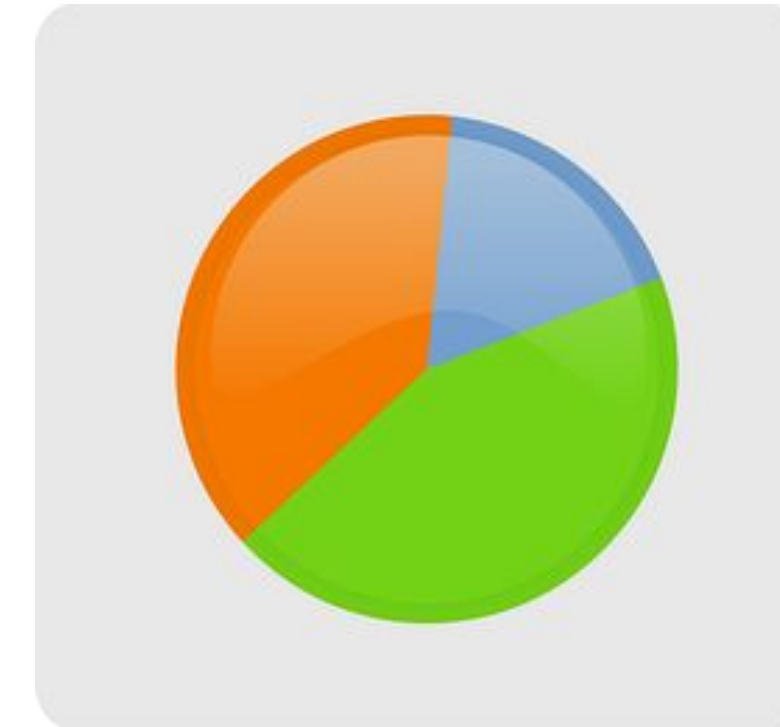
**DATA VISUALIZATION: I TOOL PRINCIPALI**

## FARE GRAFICI ONLINE E VISUALIZZARE I DATI

Nelle slide successive passiamo in rassegna alcuni tool online che potrebbero esservi utili.

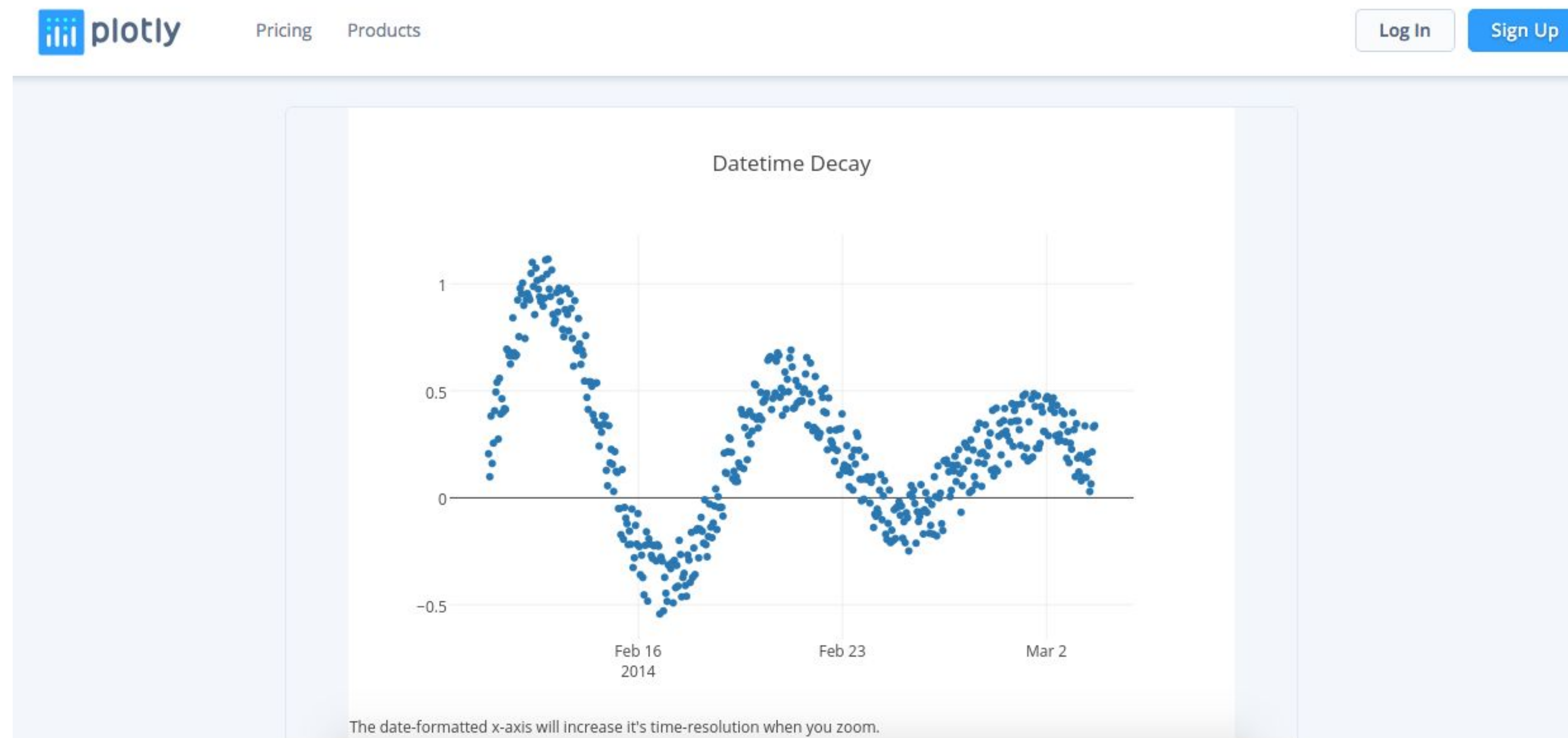
Ma badate bene:

- sono tool sperimentali, potrebbero cambiare rapidamente (chiudere, passare da gratis a pagamento, cambiare funzionalità)
- potreste scoprirne di nuovi e migliori se fate una ricerca approfondita



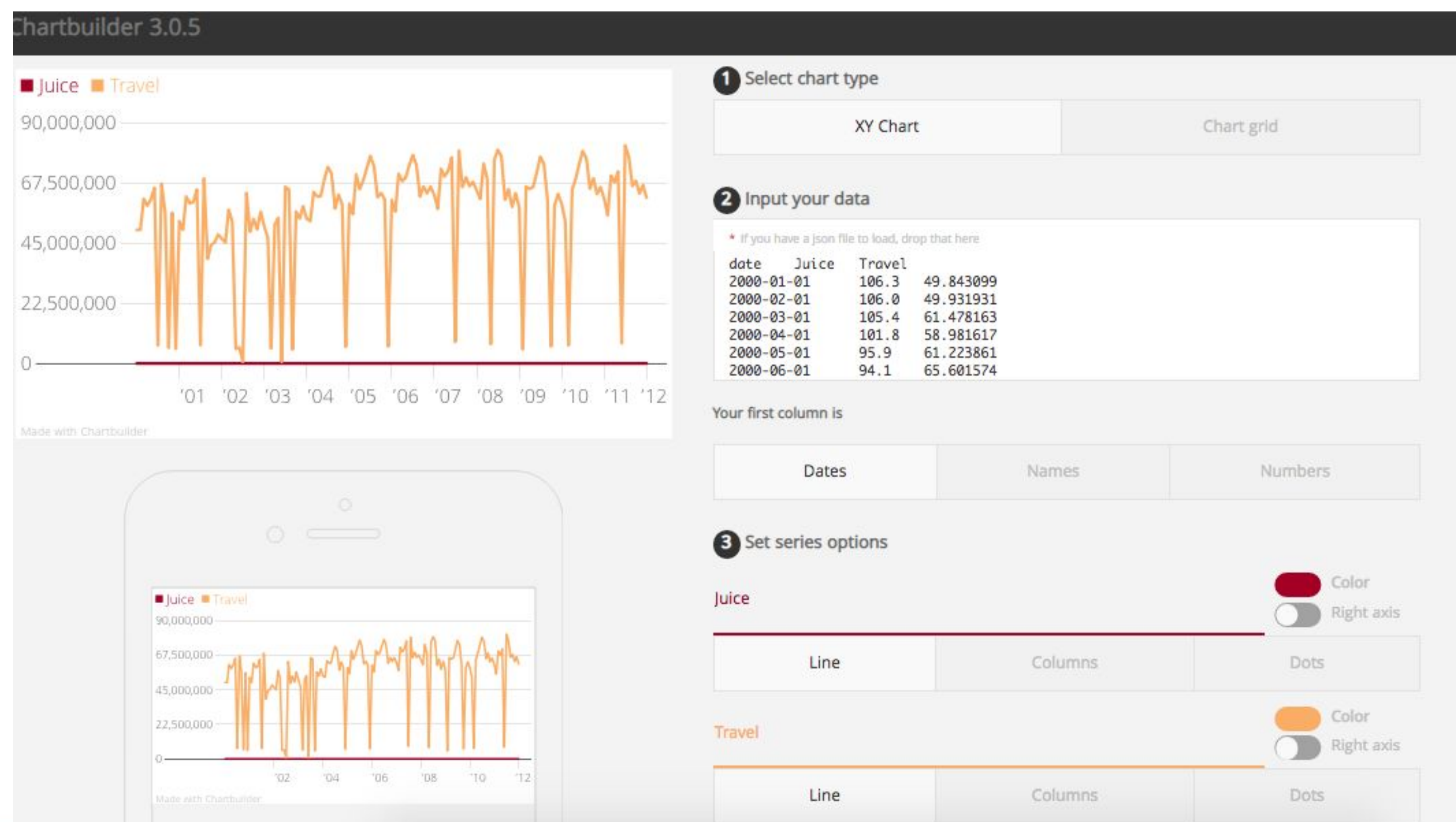
## GRAFICI: PLOT.LY

Plot.ly è un prodotto realizzato in Canada, ed è molto utile per creare e condividere grafici di diversi tipi: <https://plot.ly/>



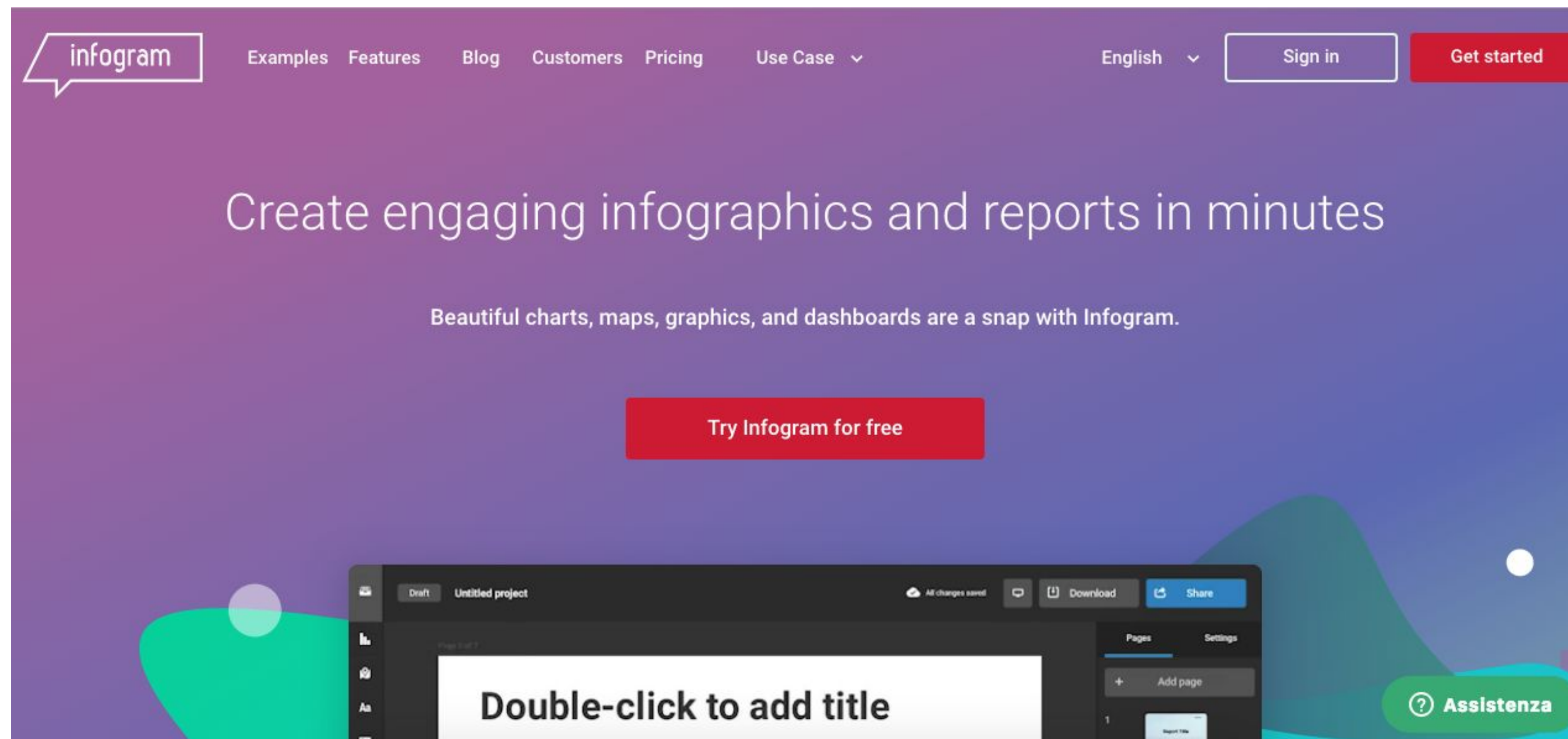
## GRAFICI: CHARTBUILDER

Realizzato dal giornale online americano Quartz, Chartbuilder permette di costruire grafici statici (a barre, a colonne, a linee, scatterplot): <http://quartz.github.io/Chartbuilder/>



## GRAFICI E INFOGRAFICHE: INFOGR.AM

**Infogr.am**, costruito da un'azienda scandinava, permette di costruire grafici e infografiche interattive, con molta attenzione al design: <https://infogr.am/>



## INFOGRAFICHE: PIKTOCHART

Piktochart permette di realizzare in modo semplice infografiche e presentazioni: <http://piktochart.com/>

The image shows the homepage of the Piktochart website. At the top, there is a dark blue navigation bar with the Piktochart logo on the left and links for 'FORMATS', 'FOR TEAMS', 'PRICING', 'BLOG', 'SUPPORT', 'LOG IN', and 'SIGN UP' on the right. Below the navigation bar is a large teal banner with the headline 'Create Beautiful Infographics' in white. Underneath the headline is a sub-headline: 'And save precious time and money in the process. No need to hire a designer or have any sort of design experience. Pretty easy to create and share.' A prominent pink button labeled 'CREATE MY INFOGRAPHIC' is centered below the text. The main content area features a grid of seven infographic templates. From left to right, they are: 1. 'Resume' template with a placeholder for a name and a photo. 2. 'Timeline' template with a central vertical line and boxes for 'INSERT YOUR INFOGRAPHIC TITLE', 'SUBTITLE HERE', and 'YEAR'. 3. 'Checklist' template titled 'STARTUP AGENDA' with a date '31 MAY 2018' and a list of four items. 4. 'Data' template titled 'BUSINESS ETIQUETTE ONLINE' and '10 Professional Rules for the Digital Workplace' featuring a world map and a '100%' statistic. 5. 'Data' template titled 'STAY CONNECTED' with a '4G' icon and two subtitle placeholders. 6. 'Business' template titled 'MINIMALIST' with the tagline 'LESS IS MORE!' and an 'INTRO BLOCK'. 7. 'About Us' template titled 'Horizon Digital' with a circular graphic and a 'TEAM' section. The bottom of the page has a light blue footer with the labels 'Resume', 'Timeline', 'Checklist', 'Data', 'Business', and 'About Us' corresponding to the templates above.

## INFOGRAFICHE: EASEL.LY

Un altro tool facile da usare per creare infografiche è Easel.ly:

<https://www.easel.ly/>

The screenshot shows the Easel.ly website interface. At the top, there is a navigation bar with the Easel.ly logo, links for Pricing, About us, Blog, and Contattaci, a green button for 'Registrati gratuitamente', a blue button for 'Login', and a language selector for 'Italian'. The main content area features the headline: 'Il modo gratuito di trasformare dati noiosi in una infografica accattivante'. Below this, two illustrations compare the 'Before' and 'After' states. The 'Prima di Easelly' (Before Easelly) illustration shows a person looking at a spreadsheet with a sad face, saying 'Great, another spreadsheet...', and another person saying 'ZZZZ...' and 'I don't have time to read this!'. The 'Dopo Easelly' (After Easelly) illustration shows a person looking at a colorful infographic with a happy face, saying 'Ohh, I get it!', 'I've gotta share this...', and 'Wow!'. A blue chat bubble icon is visible in the bottom right corner of the screenshot.

# INFOGRAFICHE: VENNGAGE

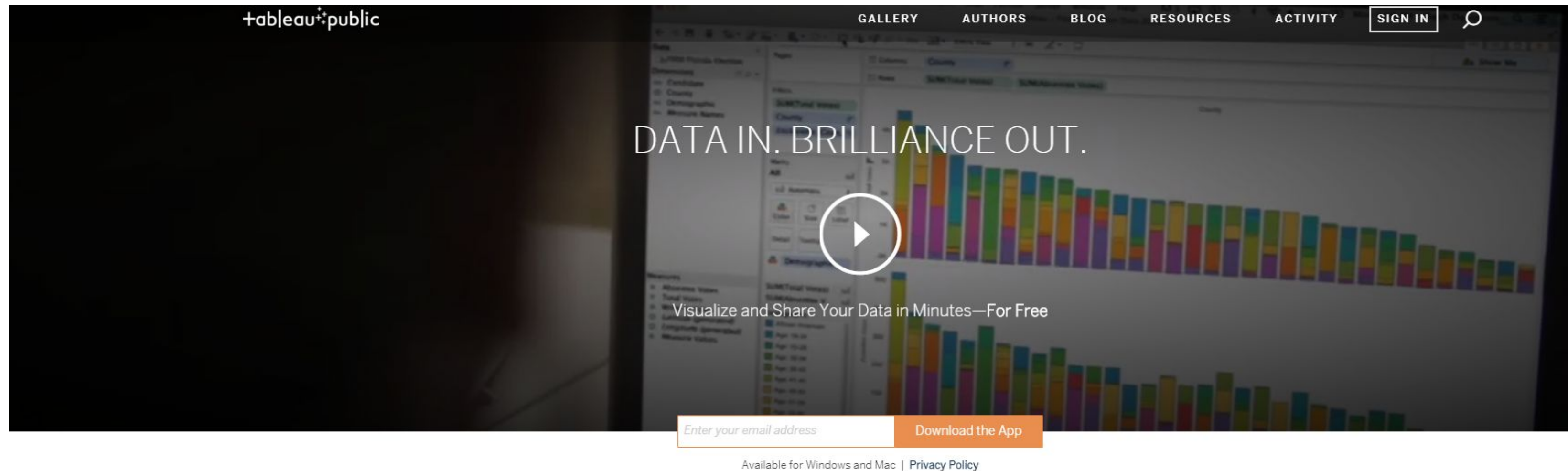
Anche Venngage: <https://it.venngage.com/> è uno strumento intuitivo per creare grafici e infografiche



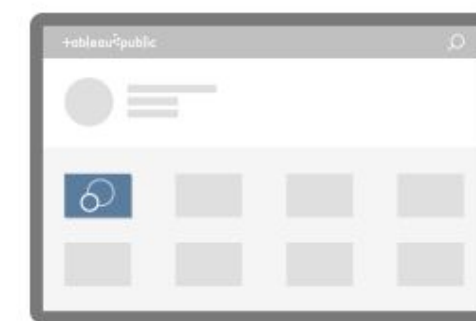


## GRAFICI, INFOGRAFICHE, MAPPE: TABLEAU PUBLIC

Tableau Public consente di visualizzare dati in infografiche, grafici e mappe: <https://public.tableau.com/s/>



Explore with the App



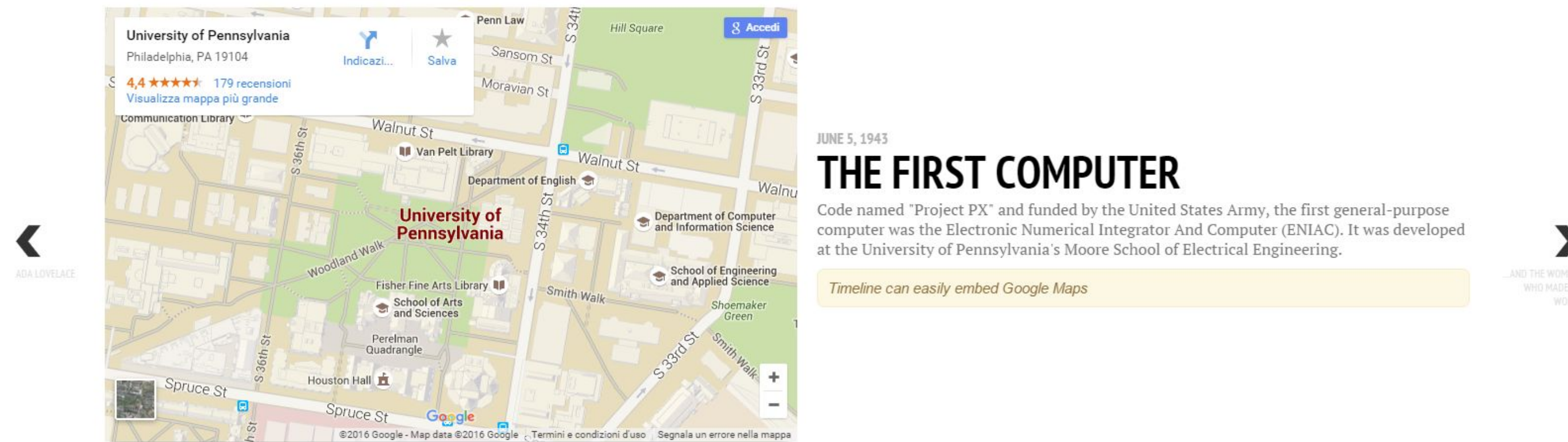
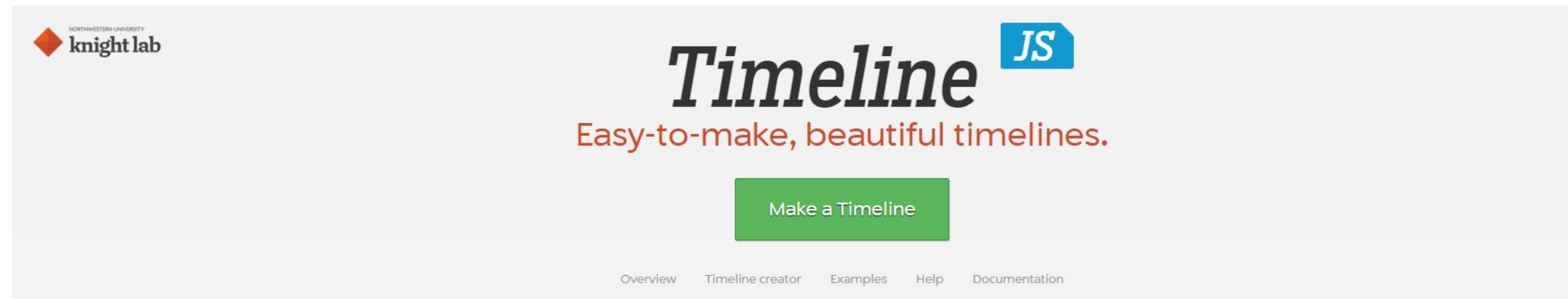
Save to your Profile



Share with the World

## LINEE DEL TEMPO: TIMELINE JS

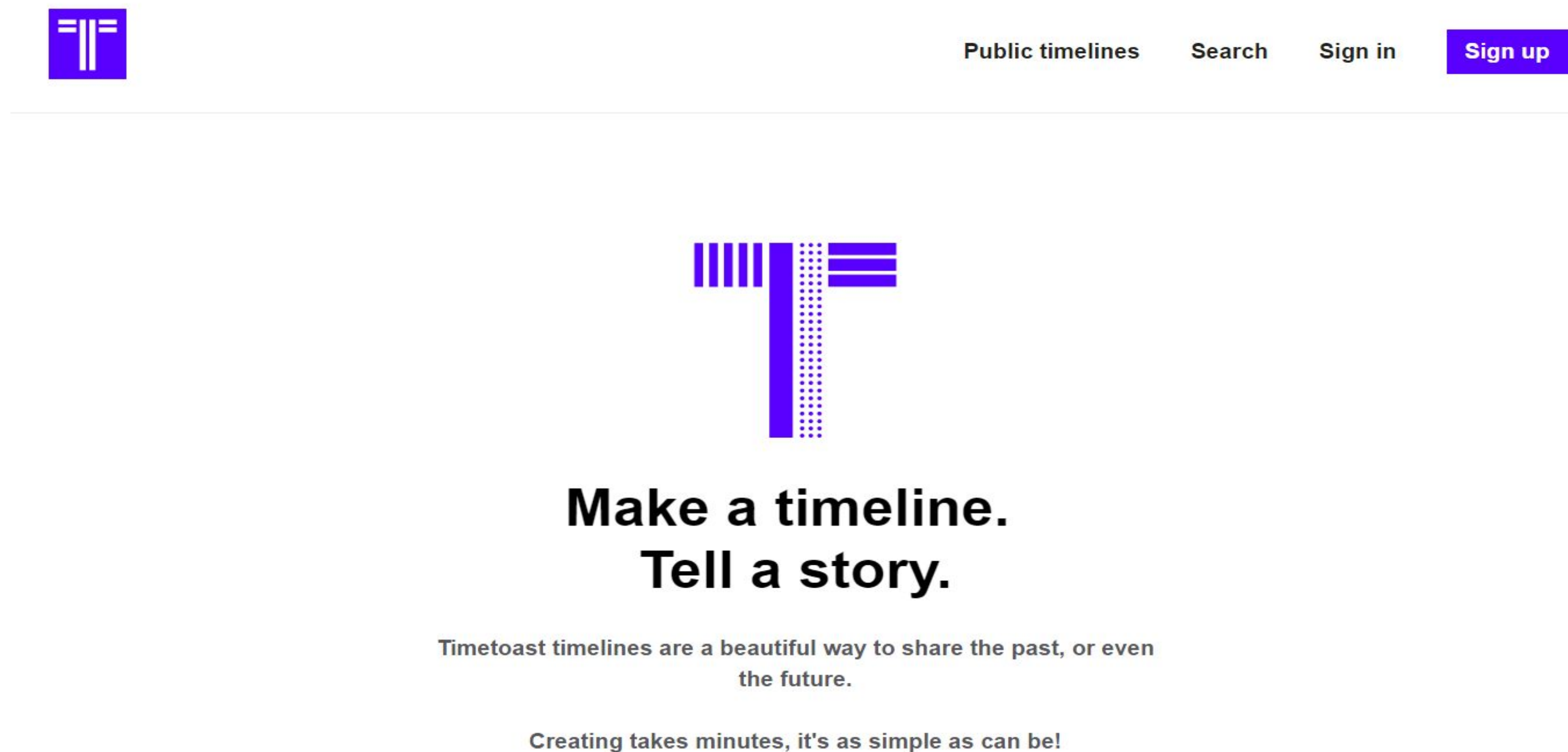
Timeline JS è un tool pensato appositamente per la creazione di linee del tempo (timeline): <http://timeline.knightlab.com/>



## LINEE DEL TEMPO: TIMETOAST

Un altro strumento facile da usare per creare timeline è

Timetoast: <https://www.timetoast.com/>



The screenshot shows the Timetoast website homepage. At the top left is the Timetoast logo, a purple square with a white 'T' shape. To the right of the logo are navigation links: 'Public timelines', 'Search', 'Sign in', and a purple 'Sign up' button. Below the navigation bar is a large purple 'T' logo with a dotted pattern on its vertical stem. Underneath the logo is the text 'Make a timeline. Tell a story.' followed by a paragraph: 'Timetoast timelines are a beautiful way to share the past, or even the future.' and a final line: 'Creating takes minutes, it's as simple as can be!'

## MAPPE INTERATTIVE: UMAP

uMap permette di costruire mappe interattive a partire da OpenStreetMap: <http://umap.openstreetmap.fr>



The screenshot shows the uMap website interface. At the top left is the uMap logo. To its right are links for "Accedi / Registrati", "Informazioni", and "Feedback". On the far right is a teal button labeled "Crea una mappa". Below this is a dark navigation bar containing a search input field with the placeholder text "Cerca mappe" and a "Cerca" button. Below the navigation bar are three circular icons: a magnifying glass over a map, a pencil, and a target symbol. Each icon is accompanied by text describing a feature of uMap.

uMap permette di creare mappe, che fanno uso di OpenStreetMap come sfondo, da inserire nel proprio sito in un minuto.

- ✓ Selezionare un layer per la propria mappa
- ✓ Aggiungere POI: marcatori, linee, poligoni...
  - ✓ Selezionare colori ed icone dei POI
- ✓ Aggiungere opzioni alla mappa: visualizzazione mappa di orientamento, individuare la posizione di un utente al caricamento...
- ✓ importazione batch di dati geostrutturati (geojson, gpx, kml, osm ...)
  - ✓ Selezionare la licenza per i propri dati
  - ✓ Integrare e condividere la mappa creata

Ed è software libero!

## MAPPE INTERATTIVE: MAPILLARY

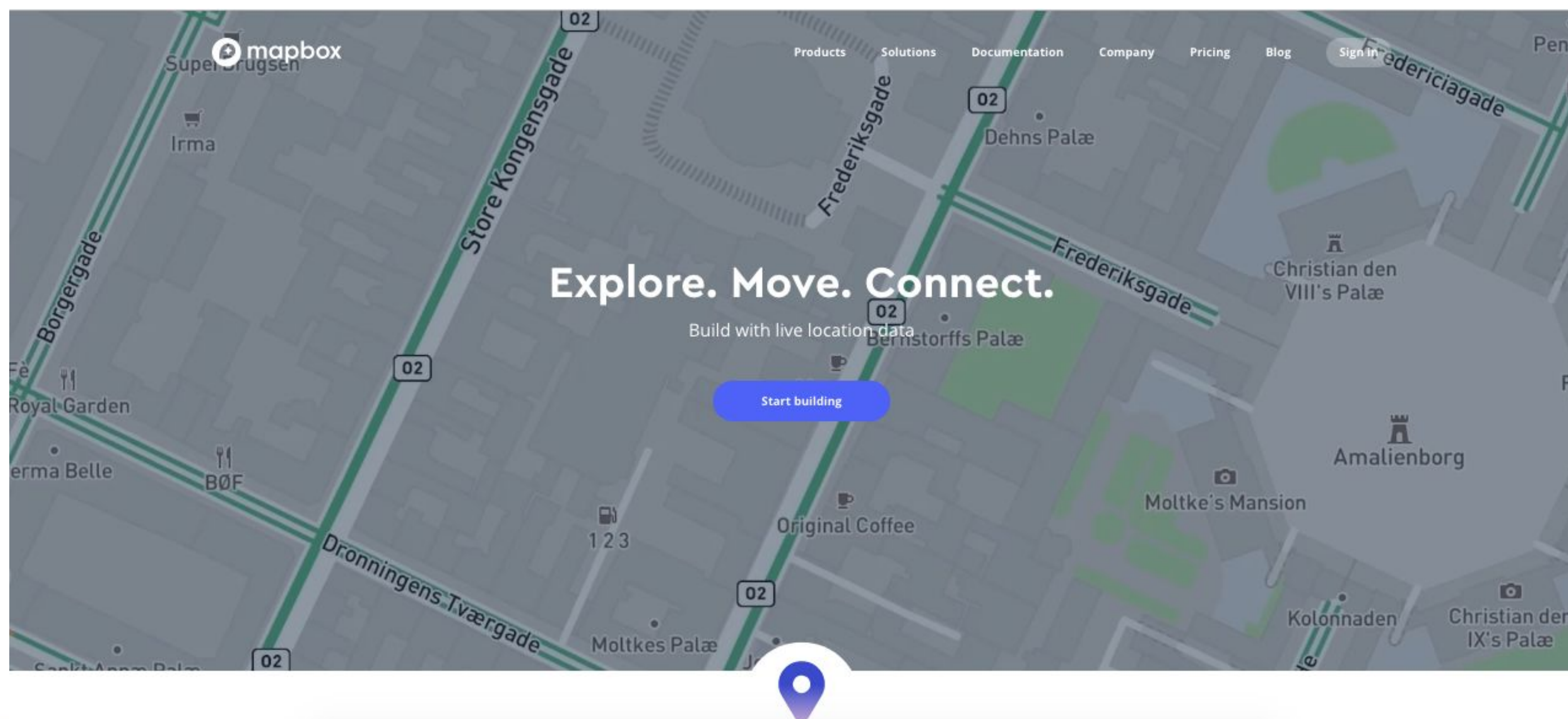
Mapillary è un Google Street View collaborativo basato su OpenStreetMap. E' un'app che permette di condividere foto geolocalizzate con il resto del mondo; in pratica si può creare uno street view dal basso riprendendo paesaggi, strade, sentieri... basta avere uno smartphone!

<https://www.youtube.com/watch?v=yIUgBsHr2O4>



## MAPPE INTERATTIVE: MAPBOX

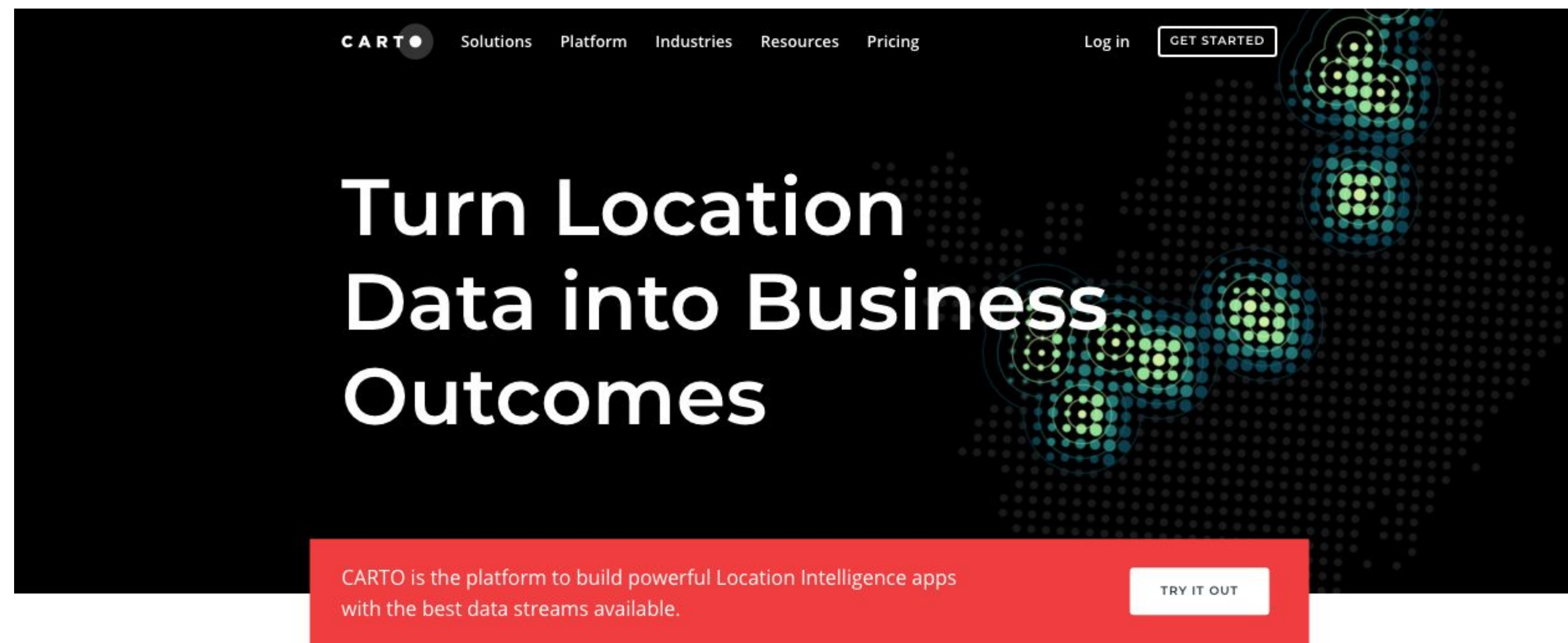
Mapbox è una piattaforma open source che permette di creare mappe scegliendo tra diversi template: <https://www.mapbox.com/>



## MAPPE INTERATTIVE E LOCATION INTELLIGENCE: CARTO

**Carto** (evoluzione di CartoDB) permette di costruire numerosi tipi di mappe, a punti o a perimetri, modificando la mappa di sfondo e producendo visualizzazioni interattive:

<https://carto.com/>



# MAPPE E GRAFICI: DATAWRAPPER

Con Datawrapper, sviluppato in Germania, è possibile realizzare grafici e mappe in modo molto semplice: <https://www.datawrapper.de/>

The screenshot shows the Datawrapper website interface. At the top, there is a navigation bar with 'Datawrapper' in the center, and 'River', 'Blog', 'Academy', 'FAQ', and 'Login' on the right. The main content area features a large central headline: "Enrich your stories with charts, in seconds." Below this headline are two prominent buttons: "CREATE A CHART" and "CREATE A MAP". To the left of the headline, there are several small thumbnail images of various charts and maps. To the right, there is a preview of a news article with a line chart titled "Monthly Changes in U.S. Employment (Non-Farm), 2006-2017". The article text discusses a snowstorm in the Northeast and Midwest during the week that the BLS does its survey, which kept some workers at home. Additionally, the "retail apocalypse" of announced store closings meant that more jobs than normal left the economy during the month. This month, the disappointing March number was revised down from 98,000 to 79,000. But the April jobs report provides a bounce back in part because of warmer weather and fewer layoffs. The Labor Department reported gains in hospitality, mining, healthcare, and finance. Including the revisions for the February and March reports, an average of 174,000 jobs were added per month over the last three months.

At the bottom of the page, there is a dark banner with white text: "We have updated our Privacy Policy to reflect the new EU regulations. Please give it a read (it is written with the goal of clarity) and click here to accept it."





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**COESIONE  
ITALIA**



**Presidenza del Consiglio dei Ministri**  
**Dipartimento per le politiche di coesione e per il sud**

In collaborazione con



**MIM**  
Ministero dell'Istruzione  
e del Merito



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