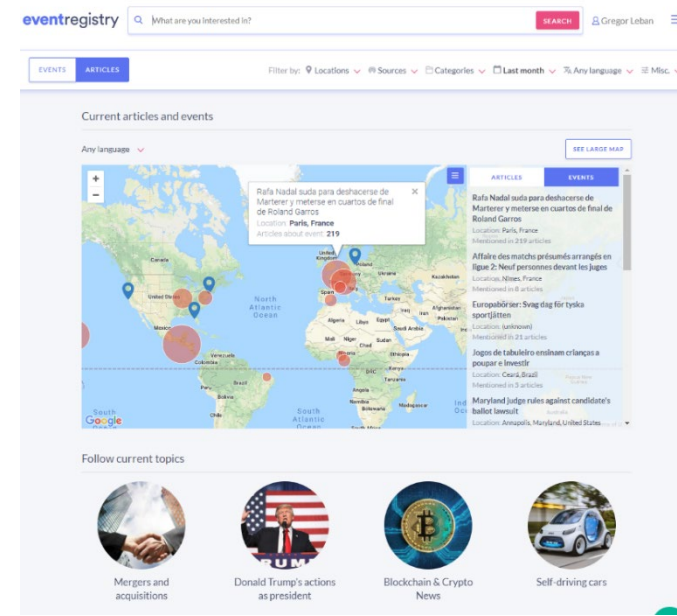


Who are we

- Spin-off from AI Lab at Jozef Stefan Institute
- Started in 2017 through Google funding
- Experts in AI, text understanding and information extraction
- Our top customers: Bloomberg, IBM, Deloitte, EY, Stratfor, Stanford, Harvard, ...

What is Event Registry?

- Encyclopedia for world events
- Event registry is a system for
 - collecting news content published globally (40 langs, ~700.00 articles daily)
 - Analysis of news and automatic identification of world events
 - Extraction of core event information
- Extensive search and visualization options



Taiwan's Foxconn hopes to resume half of its production in China by month-end, a source told Reuters on February 12, as the supplier to tech giant Apple and others reopens plants shut over a coronavirus outbreak.

The world's largest contract electronics maker also aims to resume 80 percent of production in China in March, added the source, who has direct knowledge of the matter, citing internal targets set by Chairman Liu Young-Way.

Foxconn's reopenings after the Lunar New Year holiday were delayed by the rapid spread of the virus in China, which has killed more than 1,100 people, as the World Health Organization warned against a global threat potentially worse than terrorism.

"Chairman Liu hopes by end of February the production could reach 50%," said the person, who declined to be identified in the absence of authorisation to speak publicly.

"Shipments will be affected, but it's too early to give an exact number. We might still have a chance to make it with overtime, but we also need to monitor consumer sentiment to come for the end products," the source added.

The reference was to electronics, including smartphones.

Foxconn did not immediately respond to email and telephone calls to seek comment.

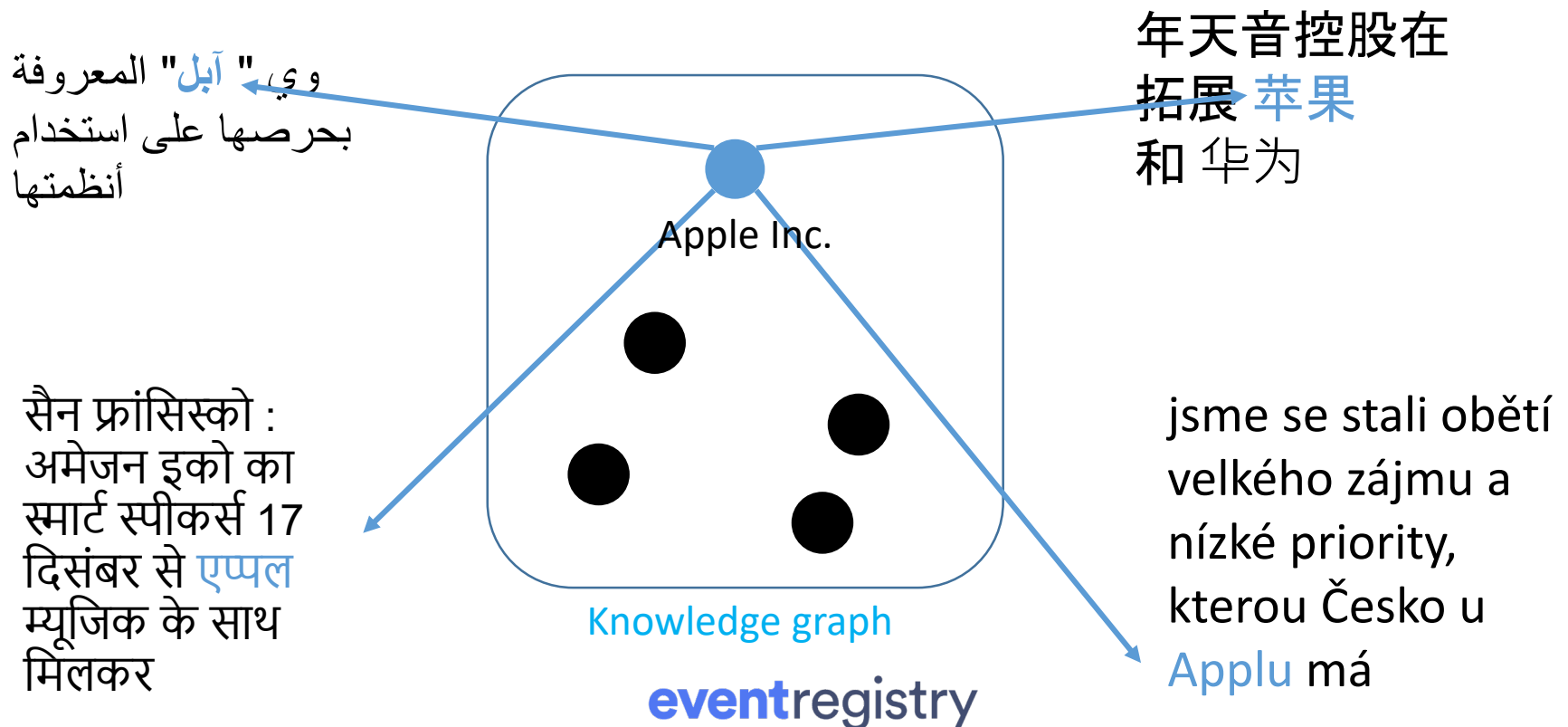
Foxconn got the green light this week to reopen major plants in China, and its plant in the eastern city of Kunshan was also approved on Tuesday to resume production, an internal document reviewed by Reuters showed.

But just about a tenth of the workforce had returned to two key plants in southern Shenzhen and central Zhengzhou as of February 10, a source told Reuters.

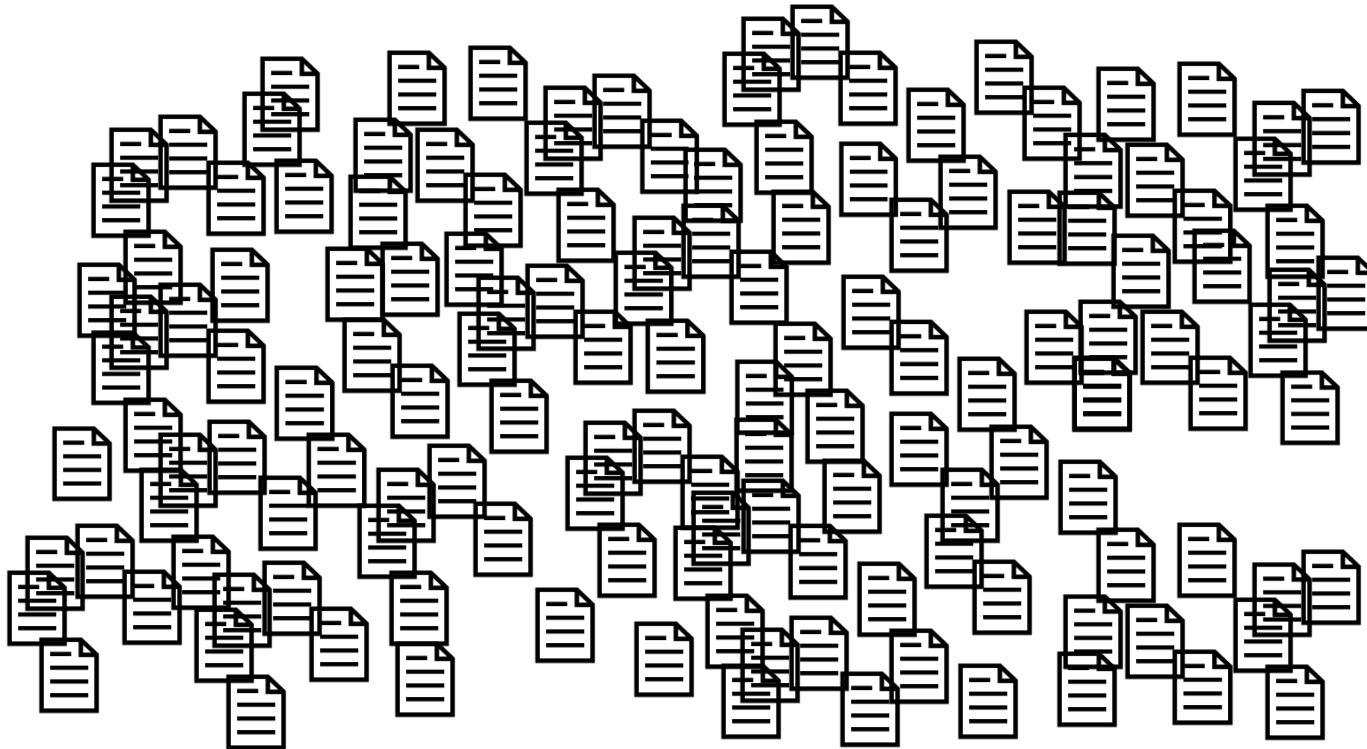


Same knowledge graph used for different languages

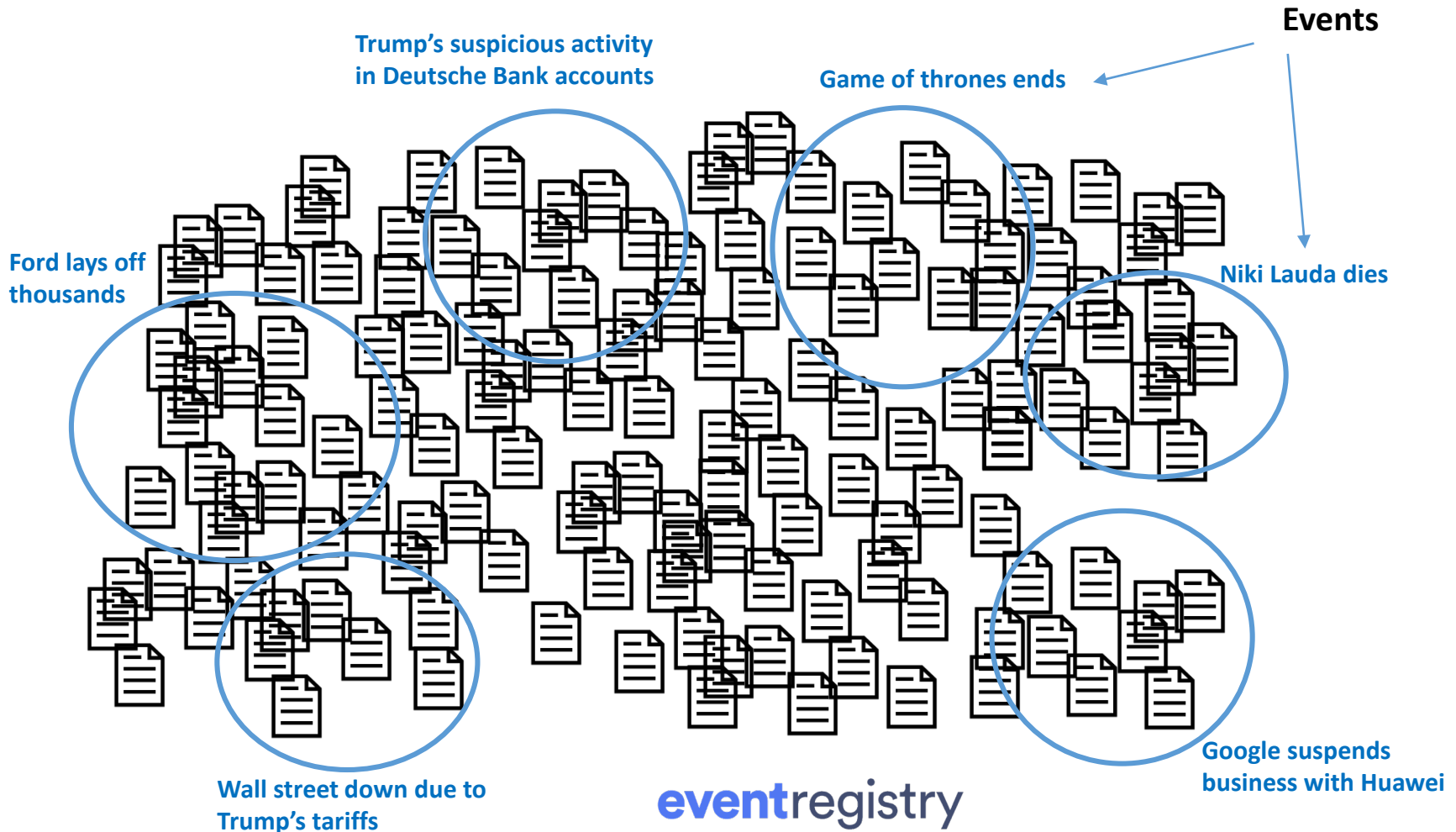
- The meaning has to be extracted from text in different languages and scripts



How to reduce content overload?

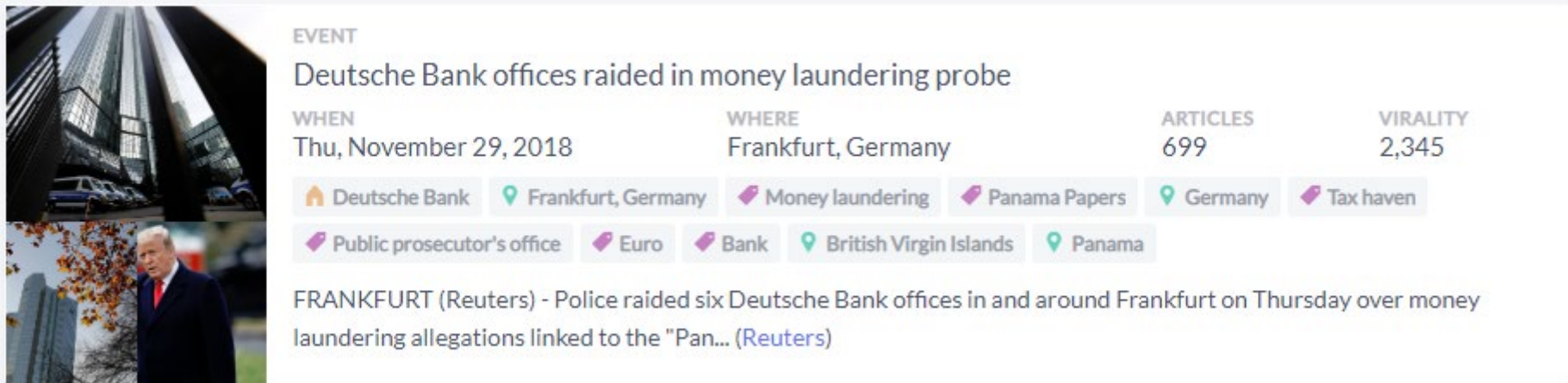


How to reduce content overload?



What is an event?

- Event = collection of news articles that discuss the same thing that happened
- Assumption: If something is significant → reported by various news publishers



The screenshot displays an event entry on the EventRegistry platform. On the left, there are two images: the top one shows a modern glass skyscraper, and the bottom one shows a man in a dark suit and red tie. The event title is "Deutsche Bank offices raided in money laundering probe". Below the title, the "WHEN" field indicates "Thu, November 29, 2018", and the "WHERE" field indicates "Frankfurt, Germany". To the right, the "ARTICLES" count is 699 and the "VIRALITY" count is 2,345. A series of tags are listed below, including "Deutsche Bank", "Frankfurt, Germany", "Money laundering", "Panama Papers", "Germany", "Tax haven", "Public prosecutor's office", "Euro", "Bank", "British Virgin Islands", and "Panama". At the bottom, a short description reads: "FRANKFURT (Reuters) - Police raided six Deutsche Bank offices in and around Frankfurt on Thursday over money laundering allegations linked to the 'Pan...' (Reuters)".

EVENT
Deutsche Bank offices raided in money laundering probe

WHEN
Thu, November 29, 2018

WHERE
Frankfurt, Germany

ARTICLES
699

VIRALITY
2,345

Deutsche Bank Frankfurt, Germany Money laundering Panama Papers Germany Tax haven
Public prosecutor's office Euro Bank British Virgin Islands Panama

FRANKFURT (Reuters) - Police raided six Deutsche Bank offices in and around Frankfurt on Thursday over money laundering allegations linked to the "Pan..." (Reuters)

Deutsche Bank Offices Are Searched in Money Laundering Investigation

WHEN

Thu, November 29, 2018

LOCATION

Frankfurt, Germany

CATEGORIES

news→Business

Business→Financial Services→Banking Services

Business→Financial Services→Holding Companies

Business→Financial Services

One hundred seventy officers searched the headquarters of Deutsche Bank in Frankfurt and five other sites in the area early Thursday as part of a money-laundering investigation involving hundreds of millions of euros, prosecutors in Frankfurt said.

Two employees, who were not publicly identified but whose ages were given as 50 and 46, and other "unidentified people in positions of authority" are suspected of failing to report possible money laundering for transactions worth 311 million euros,



Title and summary extracted from: [The New York Times](#)



Articles



Articles

Related articles

Top concepts

Tag cloud

Reporting timeline

Date Mentions

Article sources

Similar events

Similar stories

Edit event

Below is a list of articles describing the event.

Event is reported in **20 languages**. Showing articles in: [English \(229 articles\)](#) ▾

VIEW: List ▾ SORT BY: Shares on social media ▾

Settings



Deutsche Bank raided over money laundering

The Frankfurt headquarters of Deutsche Bank have been raided by prosecutors in a money laundering investigation.

Germany's public prosecutor alleged that two staff members have helped clients

BBC

Thu, 29 Nov 2018, 10:53

f 6,999 @ 15

by https

[Duplicate of this article](#)



Deutsche Bank Offices Are Searched in Money Laundering Investigation

One hundred seventy officers searched the headquarters of Deutsche Bank in Frankfurt and five other sites in the area early Thursday as part of a money-laundering investigation involving hundreds of millions of euros, prosecutors in Frankfurt said.

THE NEW YORK TIMES

Thu, 29 Nov 2018, 12:29

f 6,590 @ 18

by Jack Ewing



Donald Trump's biggest lender was just raided in a money laundering

MOTHER JONES

Articles



Below is a list of articles describing the event.

Event is reported in 20 languages. Showing articles in: **Japanese (10 articles)** ^

VIEW: List ▾ SORT BY: Shares on social media ▾

Settings



ドイツ銀行 マネーロンダ
スポーツニク日本
フランクフルト・アム・マイン検察
捜査は2013年から201

宅捜査

SPUTNIK 日本

Fri, 30 Nov 2018, 13:57

f 41

捜査は今夏から行われている。
50歳と46歳の2人の社員



ドイツ銀行に家宅捜索、
資金洗浄の疑いでドイツ銀行
ロンドン (CNN Business)

st/AP

CNN.CO.JP

Fri, 30 Nov 2018, 10:06

f 15



朝日新聞
DIGITAL

ドイツ銀行を家宅捜索
タル

ドイツの検察当局は29日、
(資金洗浄)にかかわった疑いがあるとして、フランクフルトにある同行本部などを一斉に家宅捜
索した。検察当局によると、同...

関連か：朝日新聞デジ

朝日新聞(ASAHI SHIMBUN)

Thu, 29 Nov 2018, 13:45

f 11

by 朝日新聞

地を利用したマネーロンダリング



ドイツ銀行本店など捜索 資金洗浄に関わった疑い | NHKニュース

ドイツの検察当局は、各国首脳らの資金隠しなどを暴いた「パナマ文書」の分析に基づく捜査
で、ドイツ銀行が租税回避地＝タックスヘイブンをを使った資金洗浄に関わった疑いがあるとして、銀
行の本店などを捜索しました...

NHK

Fri, 30 Nov 2018, 00:06

f 7

Examples of events



EVENT

Magnitude 7 Earthquake Shakes Anchorage

WHEN

Fri, November 30, 2018

WHERE

Anchorage, Alaska, United States

ARTICLES

1,180

VIRALITY

15,064

📌 Earthquake 📍 Anchorage, Alaska, United States 📍 Alaska, United States 📌 Tsunami 🏠 United States Geological Survey
📌 Aftershock 🏠 Twitter 📌 Moment magnitude scale 📍 United States 📌 Tsunami warning system 📌 Epicenter

A magnitude 7 earthquake struck about eight miles north of Anchorage, Alaska, on Friday morning, according to the United States Geological Survey, cau... [\(The New York Times\)](#)



EVENT

'Parasite' Wins the Oscar for Best Picture, Making History

WHEN

Sun, February 09, 2020

WHERE:

Hollywood, United States

ARTICLES

1,624

VIRALITY

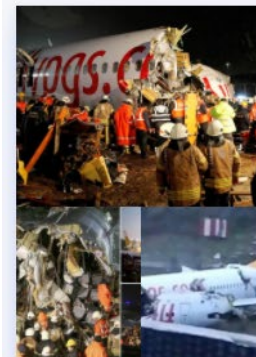
0

SENTIMENT

● ●

📌 Academy Awards 📍 South Korea 📌 Academy Award for Best Picture 🧑‍🎤 Bong Joon-ho 📍 Hollywood, United States
📌 Film 📌 Academy Award for Best Director 🧑‍🎤 Brad Pitt 📍 Los Angeles, United States 🧑‍🎤 Joaquin Phoenix

The South Korean thriller is the first movie not in English to win the top Academy Award. Ninety-two years of Oscar history were shattered Sunday nig... [\(The New York Times\)](#)



EVENT

Plane breaks into pieces after skidding off runway in Istanbul

WHEN

Wed, February 05, 2020

WHERE:

Istanbul, Turkey

ARTICLES

1,511

VIRALITY

739

SENTIMENT

● ●

📍 Istanbul, Turkey 📍 Turkey 📌 Runway 📌 Airport 📍 İzmir 📍 Airplane 🏠 Pegasus Airlines 📌 Ali Yerlikaya
📌 Fuselage 📌 Boeing 737 📌 Governor 📌 Airliner 📌 Airline 📌 Television 🧑‍🎤 Sabiha Gökçen 📌 Low-cost carrier

ANKARA, Turkey -- A plane broke into pieces after it skidded off the runway and crashed into a field at Istanbul's Sabiha Gokcen Airport on Wednesday.... [\(NBC News\)](#)

Extracting event information

- Use articles assigned to the event to extract event information
- Information to extract:
 - Location
 - Event date
 - Main event entities and keywords
 - Event categories
 - Event title and snippet

Use cases

#1: Following a broad topic

- Media monitoring - find news and events related to some topic of interest
 - 4th industrial revolution
 - Latest developments in biogenomics
 - Monitoring cybersecurity
- Users: geopolitical organizations (Stratfor), companies monitoring their area of development

#1: Following a broad topic (2)

[Home](#) > /themes/4th-industrial-revolution

Options ▾

Configure topic page ^

Add conditions

Interests ?

What are you interested in?



Source ?

Name of the news source

By name ▾

Category ?

Pick ▾ Category name

Location ?

Article/event location name

Filters

Article duplicates ?

Hide article duplicates ▾

Content at most ?

5 days old ▾

Source ranking ?



Limit to languages ?

English ▾

Data type ?

☒ News ☐ PR ☐ Blogs

Topic definition

Interests

☐ Required ?

Artificial intelligence	LOW	<input type="range"/>	HIGH	▾	✕
Robotics	LOW	<input type="range"/>	HIGH	▾	✕
Autonomous car	LOW	<input type="range"/>	HIGH	▾	✕
Internet	LOW	<input type="range"/>	HIGH	▾	✕
Computing	LOW	<input type="range"/>	HIGH	▾	✕
Supply chain	LOW	<input type="range"/>	HIGH	▾	✕
Automation	LOW	<input type="range"/>	HIGH	▾	✕
Unmanned aerial vehicle	LOW	<input type="range"/>	HIGH	▾	✕
Robot	LOW	<input type="range"/>	HIGH	▾	✕
Geopolitics	LOW	<input type="range"/>	HIGH	▾	✕
Agriculture	LOW	<input type="range"/>	HIGH	▾	✕
Digital data	LOW	<input type="range"/>	HIGH	▾	✕
Developed country	LOW	<input type="range"/>	HIGH	▾	✕
Silicon Valley	LOW	<input type="range"/>	HIGH	▾	✕
Electronics	LOW	<input type="range"/>	HIGH	▾	✕

#1: Following a broad topic (3)



EVENT

Robots in the field: Farms embrace autonomous technology

WHEN

Fri, November 30, 2018

WHERE

England, United Kingdom

ARTICLES

14

VIRALITY

8

Robot Artificial intelligence England, United Kingdom Startup company United Kingdom Commodity Digital data Winter wheat Environmentally friendly Global Positioning System Smartphone Automation Agriculture Pest (organism)

'Agri-tech' startups aim to transform production in a field under economic strain Faced with seesawing commodity prices and the pressure to be more e... (Daily Mail Online)

EVENT

Lil Durk Talks New Album, Which Rappers Can Hoop and More 🔥

WHEN

Tue, November 27, 2018

ARTICLES

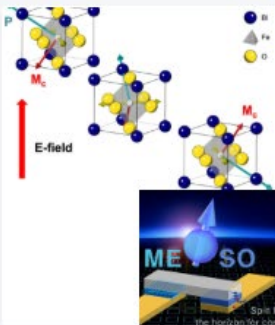
5

VIRALITY

0

Simultaneous localization and mapping Virtual reality Mobile robot Unmanned aerial vehicle Navigation United States dollar Vehicular automation Augmented reality Google Autonomous robot Real-time computing Internationalization and localization

Since leaving Def Jam and signing with Alamo Records, rapper Lil Durk has been busy in the studio. He just released a new album called Signed to the S... (SLAMonline)



EVENT

New quantum materials could take computing devices beyond the semiconductor era

WHEN

Mon, December 03, 2018

WHERE

Hillsboro, Oregon, United States

ARTICLES

6

VIRALITY

8

Computing CMOS Intel Energy Multiferroics Transistor Voltage University of California, Berkeley Nature (journal) Logic Topology Binary number Magnetism Volt Bit Computer Lawrence Berkeley National Laboratory

Researchers from Intel Corp. and the University of California, Berkeley, are looking beyond current transistor technology and preparing the way for a ... (phys.org)



EVENT

Use of drones, AI will change the face of agriculture sector: Devendra Fadnavis

WHEN

Thu, November 29, 2018

WHERE

Navi Mumbai, India

ARTICLES

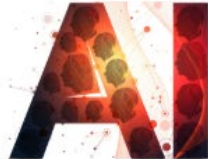
7

VIRALITY

0

Artificial intelligence Industrial Revolution Irrigation Agriculture Memorandum of understanding Unmanned aerial vehicle

#1: Following a broad topic (4)



In the Coming Automated Economy, People Will Work for AI

A new role for humans: prepping data so AI can learn to do our jobs

In Texas, a company called Alegion is helping disabled veterans take part in the new digital economy. The vets' job: preparing data so that an artificial intelligence (AI) system can learn from it.

IEEE SPECTRUM: TECHN...

Fri, 30 Nov 2018, 15:24

f 36



The ultimate guide to gifting STEM toys: tons of ideas for little builders

Welcome to TechCrunch's 2018 Holiday Gift Guide! Need more gift ideas? Check out our Gift Guide Hub.

The holiday season is here again, touting all sorts of kids' toys that pledge to pack 'STEM smarts' in the box, not just the usual battery-based fun.

TECHCRUNCH

Wed, 28 Nov 2018, 21:01

f 558



Robots in the field: farms embracing autonomous technology

EAST MEON, England (AP) -- Faced with seesawing commodity prices and the pressure to be more efficient and environmentally friendly, farmer Jamie Butler is trying out a new worker on his 450-acre farm in England's Hampshire countryside.

SAN FRANCISCO GATE

Fri, 30 Nov 2018, 03:59



60 Cybersecurity Predictions For 2019

I've always been a loner, avoiding crowds as much as possible, but last Friday I found myself in the company of 500 million people. The breach of the personal accounts of Marriott and Starwood customers forced us to join the 34% of U.S. consumers who experienced a compromise of their personal ...

FORBES

Mon, 03 Dec 2018, 09:00

f 44



The center is not holding -- and Trump is our proof

As the world's pre-eminent heads of state gather in Buenos Aires, Argentina, this weekend for the annual G-20 summit, the postwar order has never looked more fragile. War threatens to break out at any moment between Russia and Ukraine, Britain is staring into the abyss of a failed Brexit negotiation ...

ALTERNET

Sat, 01 Dec 2018, 07:47


f 32

#2: brand monitoring and comparison

- Compare how is your brand perceived in the media and comparison with other brands
- Users: consulting companies (Bloomberg), PR departments

#2: brand monitoring and comparison (2)



 Chevron Corporation


What are you interested in?

EVENTS

ARTICLES

Filter by:  Locations   Sources   Categories   Last year 




 Statoil

What are you interested in?

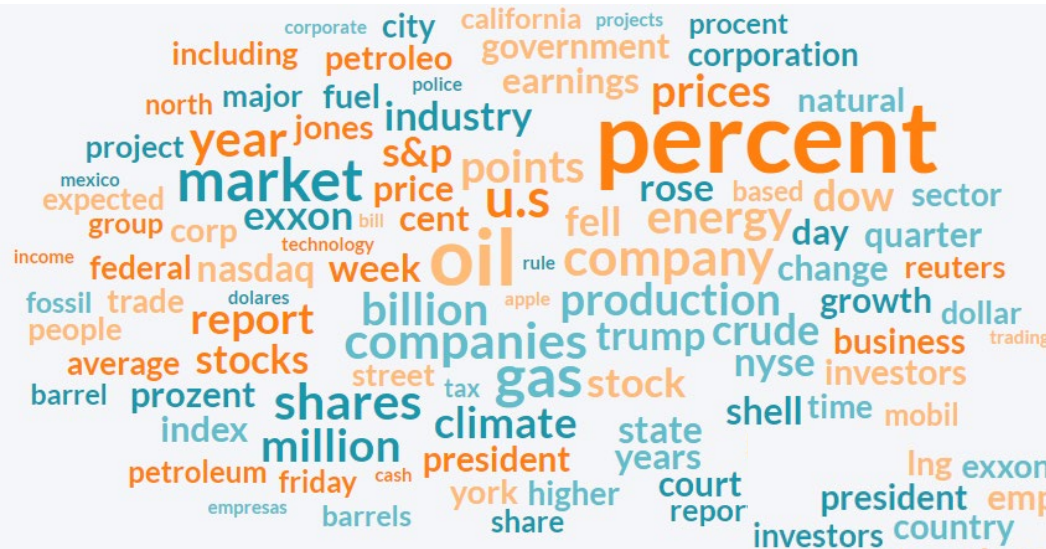
EVENTS

ARTICLES

Filter by:  Locations   Sources   Categories   Last year 

#2: brand monitoring and comparison (3)

Tag cloud for Chevron Corporation

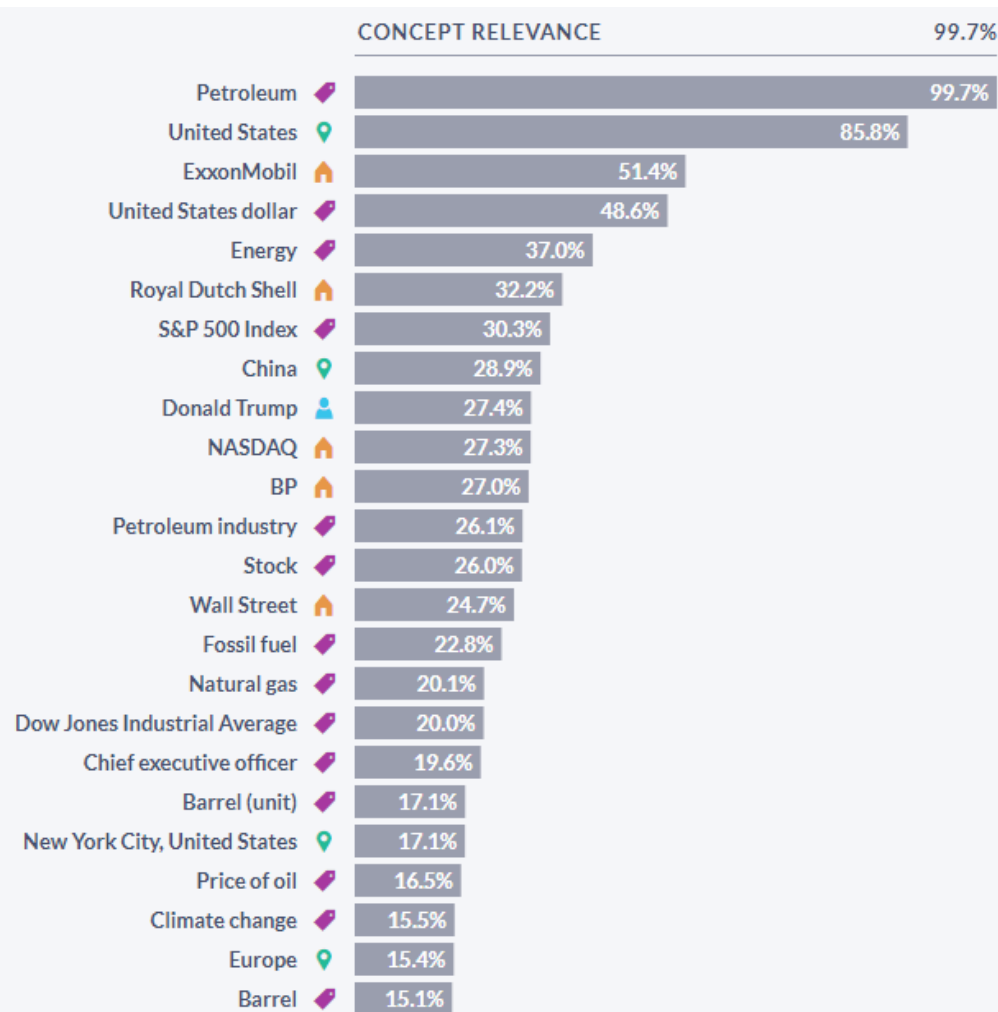


Tag cloud for Statoil

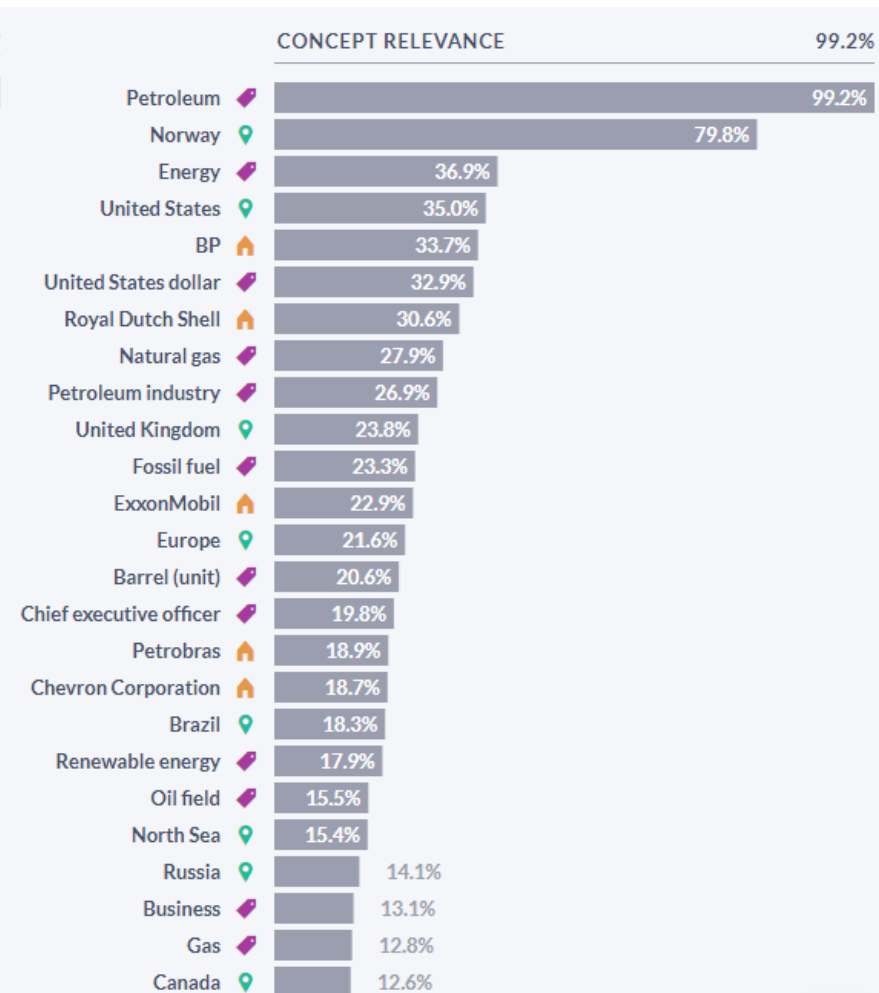


#2: brand monitoring and comparison (4)

Top concepts for Chevron



Top concepts for Statoil

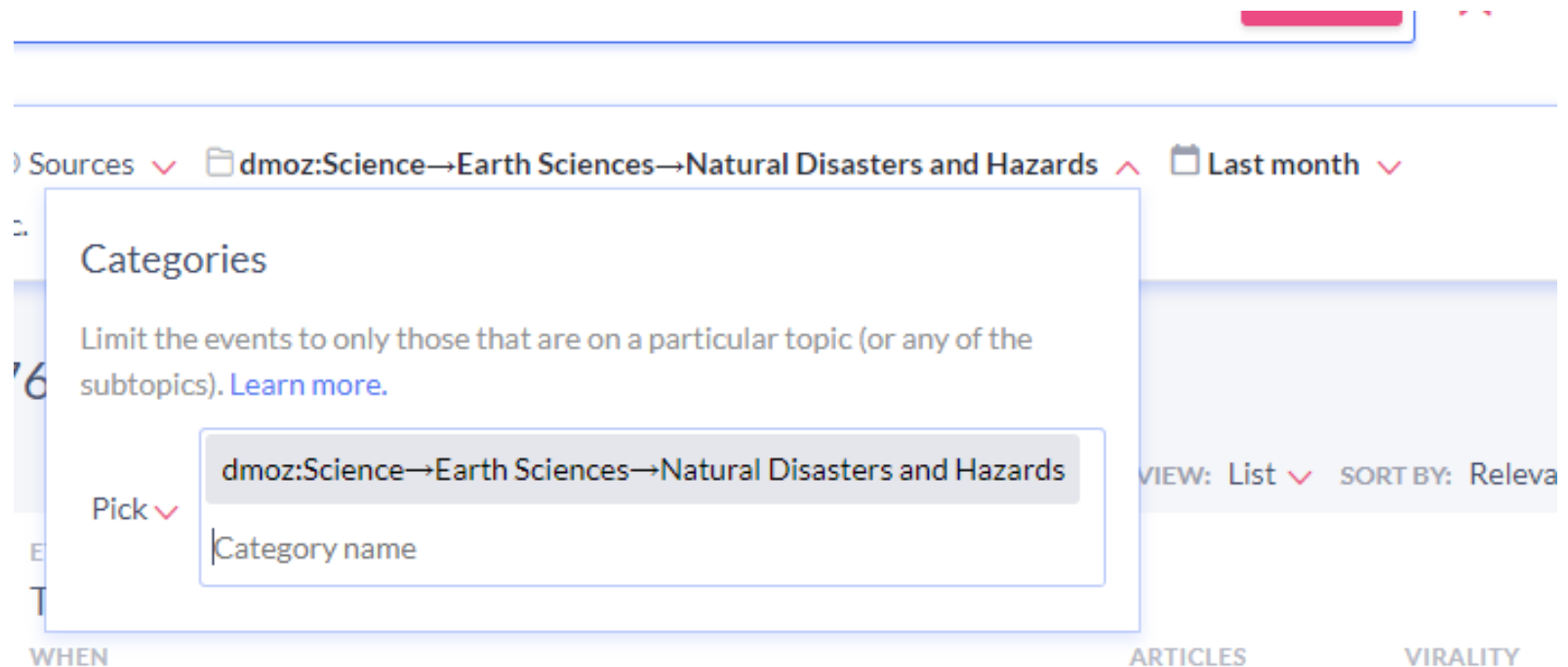


#3: risk management

- Identification of events that can disrupt supply chains and have socio-economic influence
 - Earthquakes and other natural disasters
 - Manmade disruptions (strikes, bankruptcies, ...)
- Users: companies depending on a supply chain

#3: risk management

Monitoring natural disasters



The screenshot shows the Event Registry interface. At the top, there's a navigation bar with "Sources" and a breadcrumb trail: "dmoz:Science→Earth Sciences→Natural Disasters and Hazards". To the right, there's a date filter set to "Last month". A "Categories" dropdown menu is open, showing the selected path and a text input field for "Category name". Below the dropdown, there are tabs for "WHEN", "ARTICLES", and "VIRALITY". On the right side, there are options for "VIEW: List" and "SORT BY: Releva".

Sources ▾ dmoz:Science→Earth Sciences→Natural Disasters and Hazards ^ Last month ▾

Categories

Limit the events to only those that are on a particular topic (or any of the subtopics). [Learn more.](#)

Pick ▾


dmoz:Science→Earth Sciences→Natural Disasters and Hazards

Category name

VIEW: List ▾ SORT BY: Releva

WHEN ARTICLES VIRALITY

#3: risk management



VIEW: LIST ▾ SORT BY: Relevance ▾

EVENT

Thursday 'danger to life' warning now covers whole of Devon

WHEN
Tue, November 27, 2018


ARTICLES
348

VIRALITY
401

Met Office Diana, Princess of Wales United Kingdom Scotland, United Kingdom Ireland Flood

Cork (city), Ireland Counties of Ireland Gale Galway, Ireland Wales, United Kingdom

Neil ShawHead of Digital, live and trending for PlymouthLive, DevonLive and CornwallLiveGet Daily updates directly to your inboxSubscribeSee our priva... ([Exeter Express and Echo](#))



EVENT

Thousands evacuated as flash floods, mudslides hit wildfire-ravaged California

WHEN
Wed, November 28, 2018

WHERE
San Francisco, United States


ARTICLES
169

VIRALITY
1,680

Wildfire Flash flood Butte County, California, United States National Weather Service Northern California

Debris flow Chico, California, United States Paradise, Nevada, United States Southern California

MALIBU, Calif. -- Thousands of people in California were under evacuation orders Friday morning because of rushing floodwaters and mudslides. Some are... ([CBS News](#))



EVENT

Jordan Flash Flood Caused 11 Death And Tourist Evacuate

WHEN
Fri, November 09, 2018

WHERE
Amman, Jordan


ARTICLES
136

VIRALITY
142

Jordan Petra Flash flood Flood Madaba, Jordan Amman, Jordan Civil defense Dead Sea

Ma'an, Jordan Desert Israel Canyon Rock (geology) Tourism Tourist attraction

Just two weeks after the incident of a flash flood in Dead sea Area that killed 21 people, mostly children, a flash flood was followed in Jordan that ... ([z6mag.com](#))



EVENT

#3: risk management

Monitoring socio-political events



A screenshot of a search interface. On the left is a magnifying glass icon. To its right are four filter buttons, each with a purple diamond icon and text: "Strike action", "Terrorism", "Political corruption", and "Corruption". These buttons are separated by "OR" labels. To the right of the filters is a text input field containing the text "What are". Below the search bar is a horizontal line, and under that line is a blue rectangular bar.

#3: risk management

VIEW: List ▾ SORT BY: Relevance ▾



EVENT

Acting PG Hodzi grilled for failure to prosecute high profile corruption cases - Nehanda Radio

WHEN

Thu, November 01, 2018

WHERE

Harare, Zimbabwe

ARTICLES

4

VIRALITY

0

Political corruption Harare, Zimbabwe Magistrate Acquittal Attorney general Chief Justice Accountability Prosecutor Joint-stock company Corruption Independent politician

Acting Prosecutor General Mr Kumbirai Hodzi was yesterday grilled for allegedly not doing enough to effectively prosecute high profile corruption case... ([Nehanda Radio](#))



EVENT

MACC chief: Corruption in Malaysia getting worse | Malay Mail

WHEN

Tue, November 13, 2018

WHERE

Putrajaya, Malaysia

ARTICLES

10

VIRALITY

39

Putrajaya, Malaysia Corruption Malaysian Anti-Corruption Commission Malaysia Malay styles and titles Political corruption Indonesia 1Malaysia Development Berhad Kleptocracy Civics Bribery

PETALING JAYA, Nov 13 -- Malaysian Anti-Corruption Commission (MACC) chief Datuk Seri Shukri Abdull said today the local graft menace was worsening. ... ([malaymail.com](#))



EVENT

منظمة الأعراف تدعو إلى التهدئة والحوار لتجنب الإضراب في الوظيفة العمومية

WHEN

Mon, November 19, 2018

ARTICLES

6

VIRALITY

0

Tunisian General Labour Union Strike action Tunisia Government State (polity) Terrorism

#4: understanding current events and their context

- Deep understanding of some current event and it's context to previous events
- Users: journalists

#4: understanding current events and their context

China confirms 139 cases of new virus in two days

WHEN
Tue, January 21, 2020

LOCATION
Wuhan, China

CATEGORIES

news→Health
news→Business
Health→Conditions and Diseases→Infectious Diseases
Health→Conditions and Diseases→Respiratory Disorders

Chinese authorities have reported 139 new cases of a mysterious virus in two days, marking the first time that the infection has been confirmed in the country outside of Wuhan city.

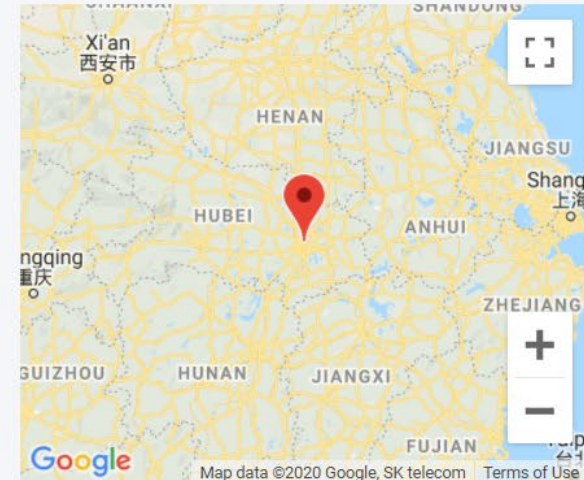
The new cases were identified in the cities of Wuhan, Beijing and Shenzhen.

The total number of confirmed cases now exceeds 200, and three have died from the respiratory illness.

The World Health Organization (WHO) said the number of cases rose because of "increased searching and testing".

The new coronavirus

Title and summary extracted from: [BBC](#)



#4: understanding current events and their context


Articles

Below is a list of articles describing the event.

Event is reported in **10 languages**. Showing articles in: **English (1504 articles)** ▾

VIEW: List ▾ SORT BY: Shares on social media ▾


Settings +



China confirms 139 cases of new virus in two days

Chinese authorities have reported 139 new cases of a mysterious virus in two days, marking the first time that the infection has been confirmed in the country outside of Wuhan city.


BBC
Mon, 20 Jan 2020, 03:05
f 78,826 p 21



Coronavirus cases surge in China as virus spreads

BEIJING -- The number of people known to have been infected with the coronavirus jumped Monday to over 200 from 62, with new cases reported in China's capital and other Asian countries.

NBC NEWS
Mon, 20 Jan 2020, 14:53
f 14,182




Canadian hospitals, airports preparing for possible arrival of SARS-like coronavirus from China

This translation has been automatically generated and has not been verified for accuracy. Full Disclaimer

Canadian hospitals and airports are putting in place enhanced infection-control

THE GLOBE AND MAIL
Tue, 21 Jan 2020, 04:02
f 12,148



A video of medics in Hazmat suits scanning plane passengers for China's mysterious Wuhan virus is stoking fears of a global epidemic

The virus has also spread to Beijing and Shenzhen, as well as Thailand, Japan, and South Korea.

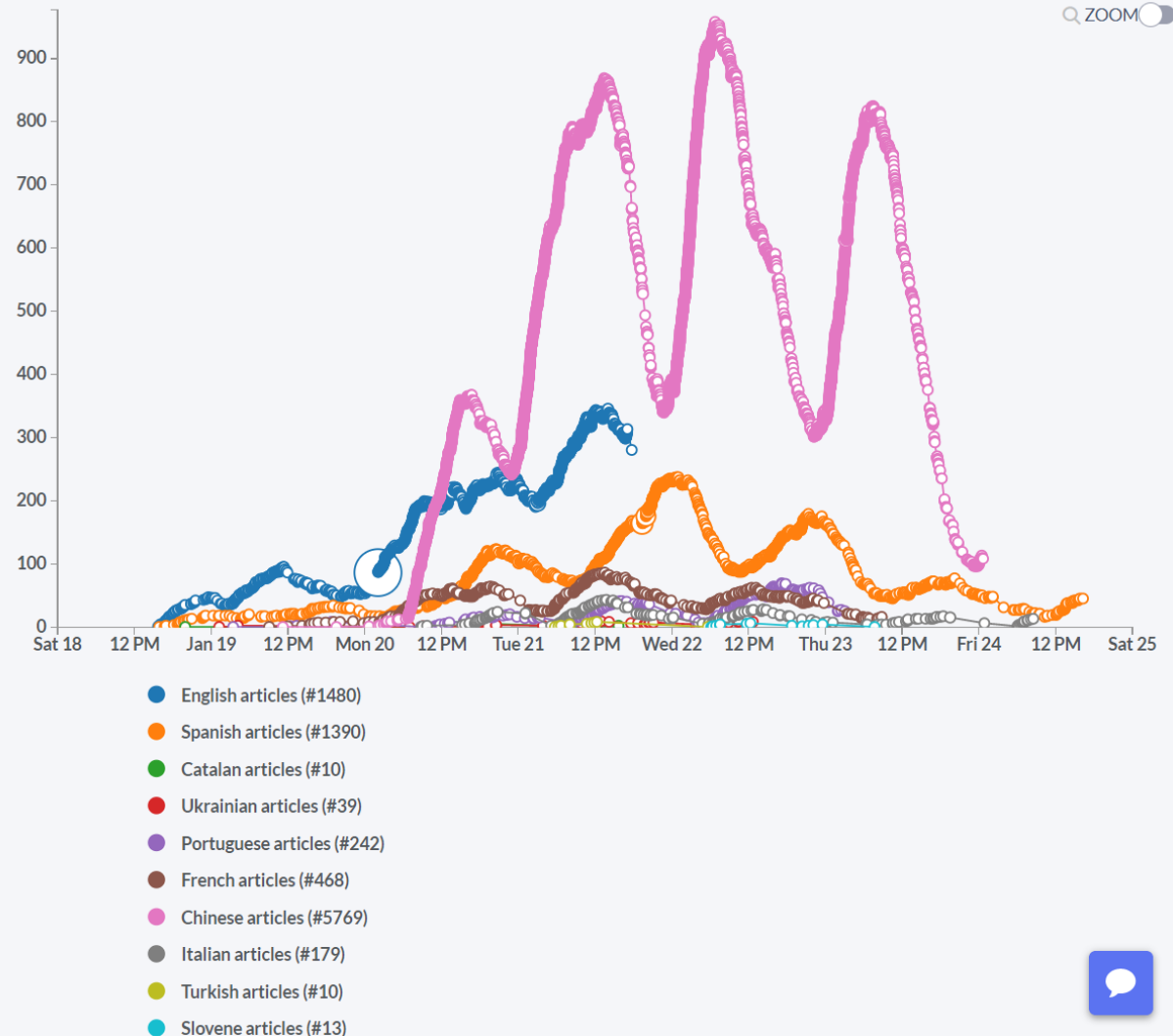
A video of medics in Hazmat suits scanning dozens of plane passengers for the

BUSINESS INSIDER
Mon, 20 Jan 2020, 12:48
f 10,657
by Alexandra Ma

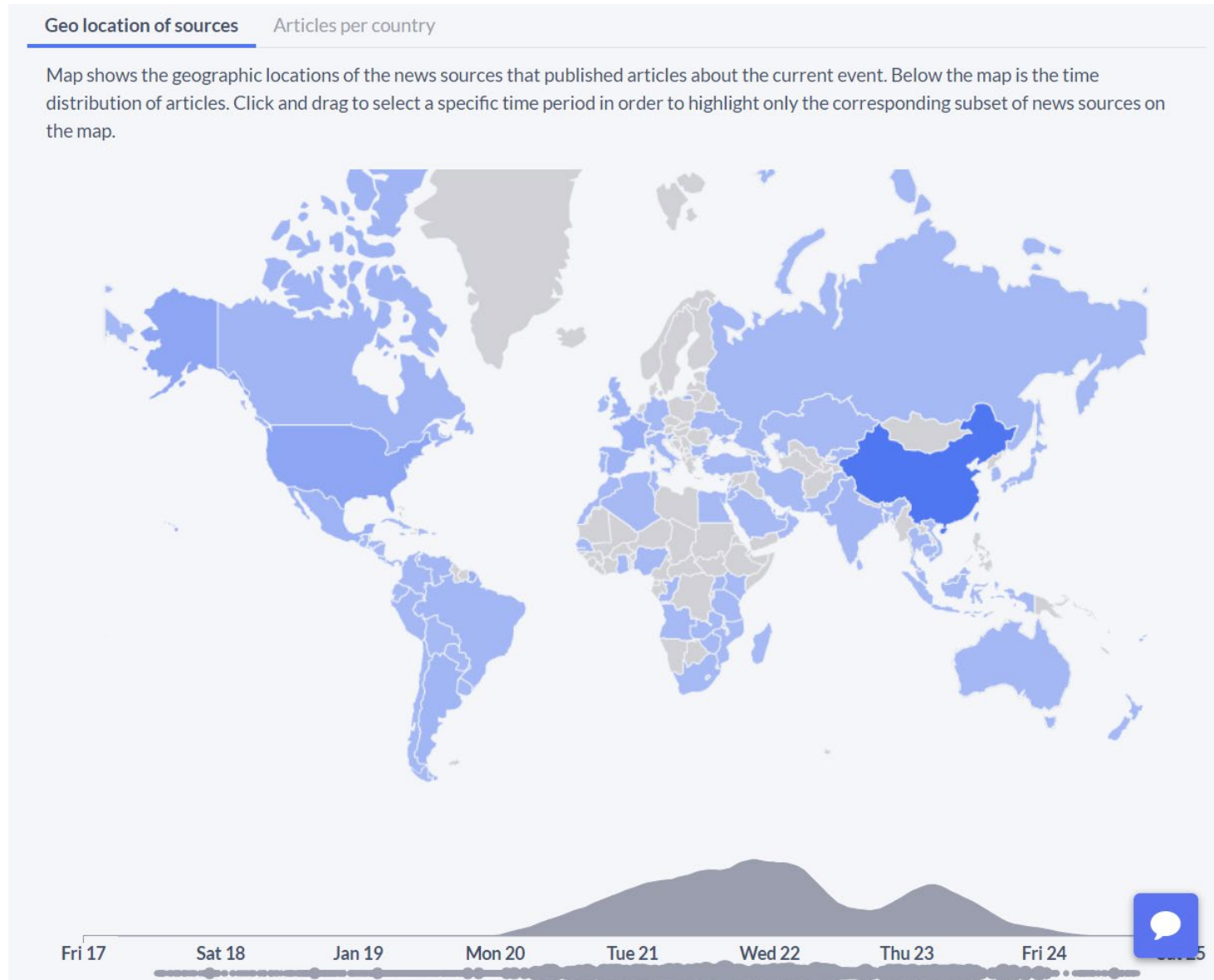
#4: understanding current events and their context

Reporting timeline

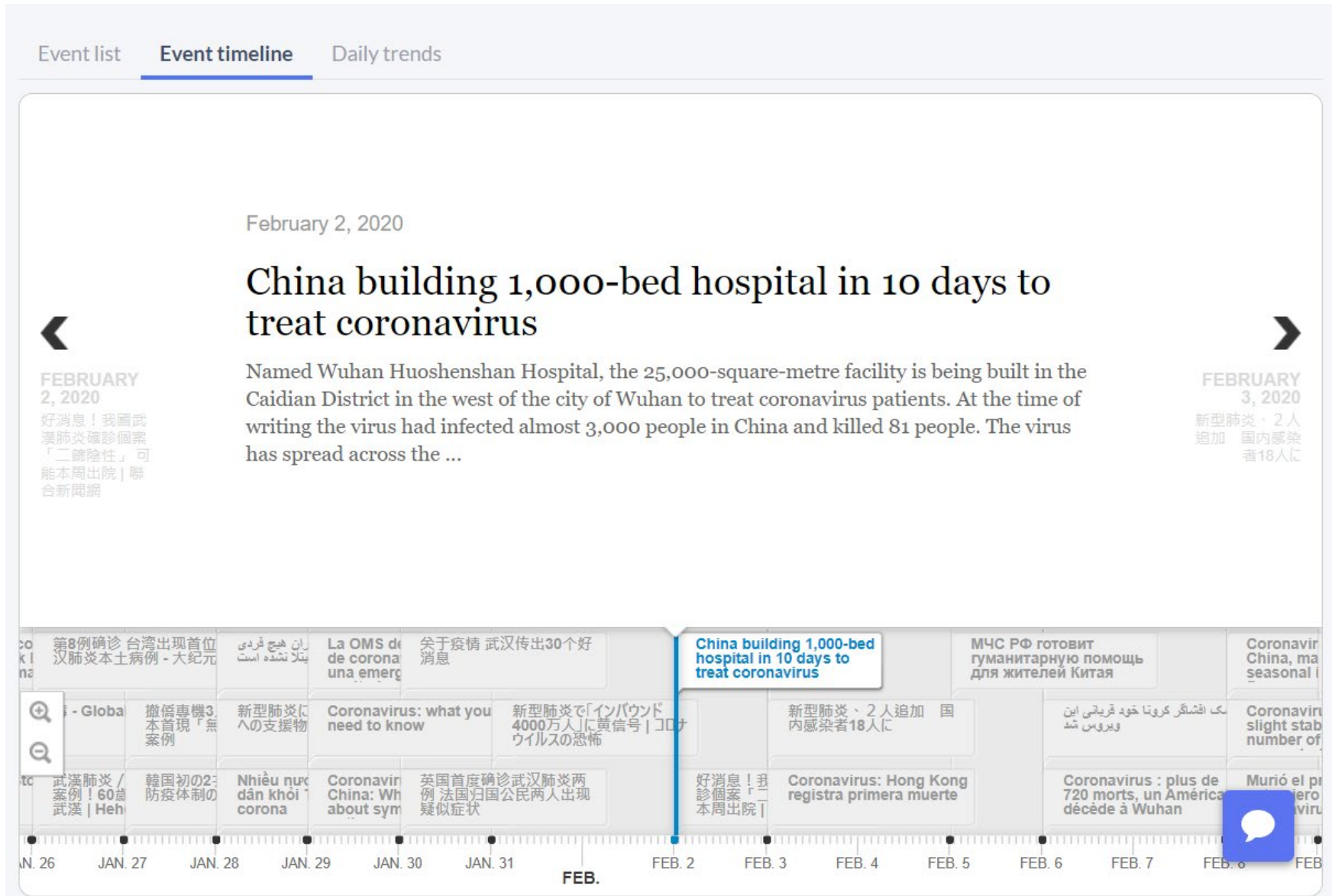
Publishing times of articles describing the event. The height of the curve indicates the number of articles published in last 8 hours.



#4: understanding current events and their context



#4: understanding current events and their context



Questions?