

Decorative graphic element consisting of several white, wavy, concentric lines that curve across the top right of the slide. Along these lines are four colored shapes: an orange 'X' at the top left, an orange square at the top right, a light blue triangle in the middle, and a light blue circle at the bottom right.

Introduction to Data Journalism

YanNaung Oak,Nida Soe and ThetPaing
from Thibi



We are a data and design consultancy that specialises in data-driven technologies that empower people to intuitively understand complexity – and help organisations become data-driven in ways that make them more human, not less.



Data Visualization
Prototyping, Design,
and Development



Full Stack Web Development
Focusing on Data-Driven Web
Applications



Data Literacy Curriculum
Development and
Training

What we will cover in this talk

- What is data journalism?
11:30 - 11:45
- Example stories
11:45 - 12:00
- ✗ Hands-on Activity
12:00 - 12:15
- ▲ Q & A
12:15 - 12:30

Data Journalism is now mainstream

Washington Post's COVID spread simulation became its most viewed article ever.

Even president Obama talked about it.



Barack Obama

@BarackObama · [Follow](#)



Watch this. It shows why we should all do the right thing and stay home to the fullest extent possible. All of us can help slow the spread of the virus, protecting the elderly, the vulnerable, and each other.



Moderate distancing



Extensive distancing



[washingtonpost.com](https://www.washingtonpost.com)

These simulations show how to flatten the coronavirus growth... The early trickle of new coronavirus infections has turned into a steady current. By creating simple simulations, we can see ho...

3:08 AM · Mar 16, 2020



What is data storytelling?



Visual Design

- Design principles
- Design elements
- Imagery



Context for communication

- Understanding audience
- Clear purpose/goal
- Feedback loops



Data

- Quality data source
- Statistical analysis
- Accurate representation



Narrative

- Language & messaging
- Beginning, middle & end
- Call to action



according to Lydia Hooper

English • Español • Français • 日本語 • Português




COVID-19

Global tracker

Updated 5:47 AM SST

 **Italy** crosses **18,000,000** reported COVID-19 infections

 Average number of new infections reported each day in **Portugal** falls by more than **21,900** over the last 3 weeks, 38% of its previous peak

 **Morocco** reports highest number of new infections since January






#WeDecide:
**ATIN ANG
PILIPINAS**

2022 PHILIPPINE ELECTION RESULTS

PRESIDENTIAL RACE

98.35% precincts reporting as of **May 13, 2022 3:18PM**. Unofficial-partial results based on real-time data from the Comelec transparency server.

Rank	Candidates	Votes	Percent
1	 MARCOS BONGBONG (PFP)	31,104,175	58.74%
2	 ROBREDO LENI (IND)	14,822,051	27.99%
3	 PACQUIAO MANNY PACMAN (PROMDI)	3,629,805	6.85%

Data journalism allows you to provide timely updates to your readers on very important issues

What if all covid-19 deaths in the United States had happened in your neighborhood?

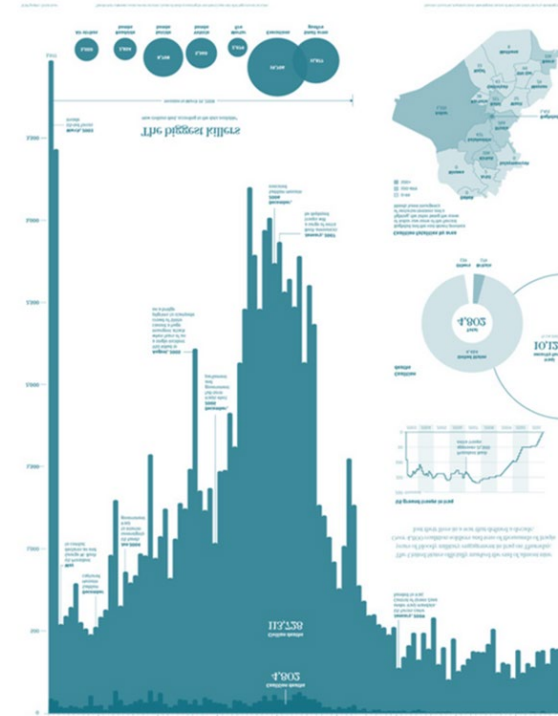
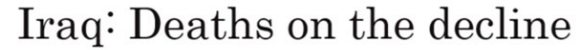
Updated Sept. 24 at 11:43 a.m.

In partnership with

Google News Initiative

 USE MY LOCATION

Data journalism allows you to tell stories that are personalized and localized to the reader's context

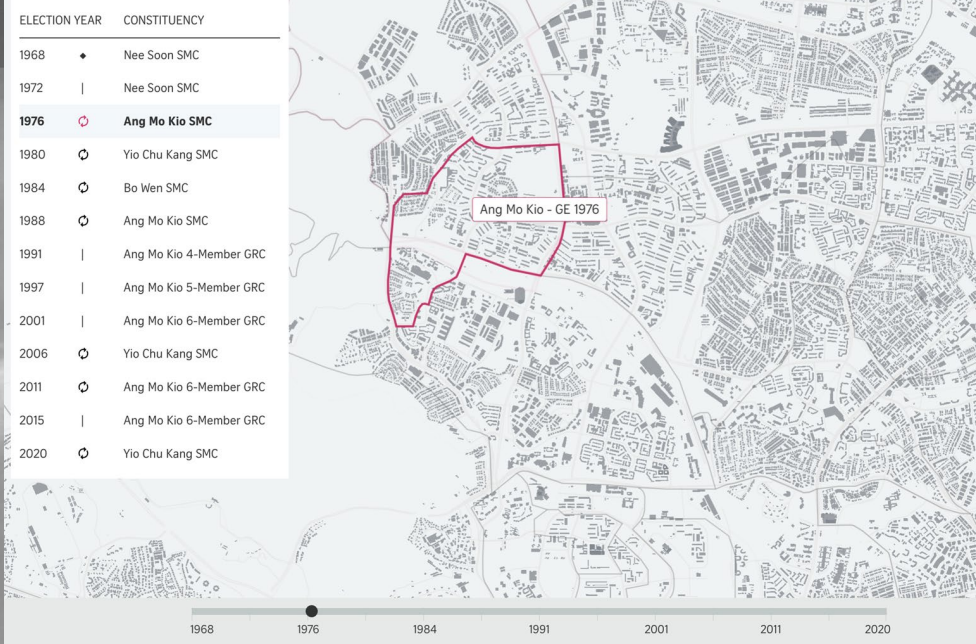


Data Journalism allows you to set the tone of the story you tell just by using design

The Hong Kong infowar in Malaysia

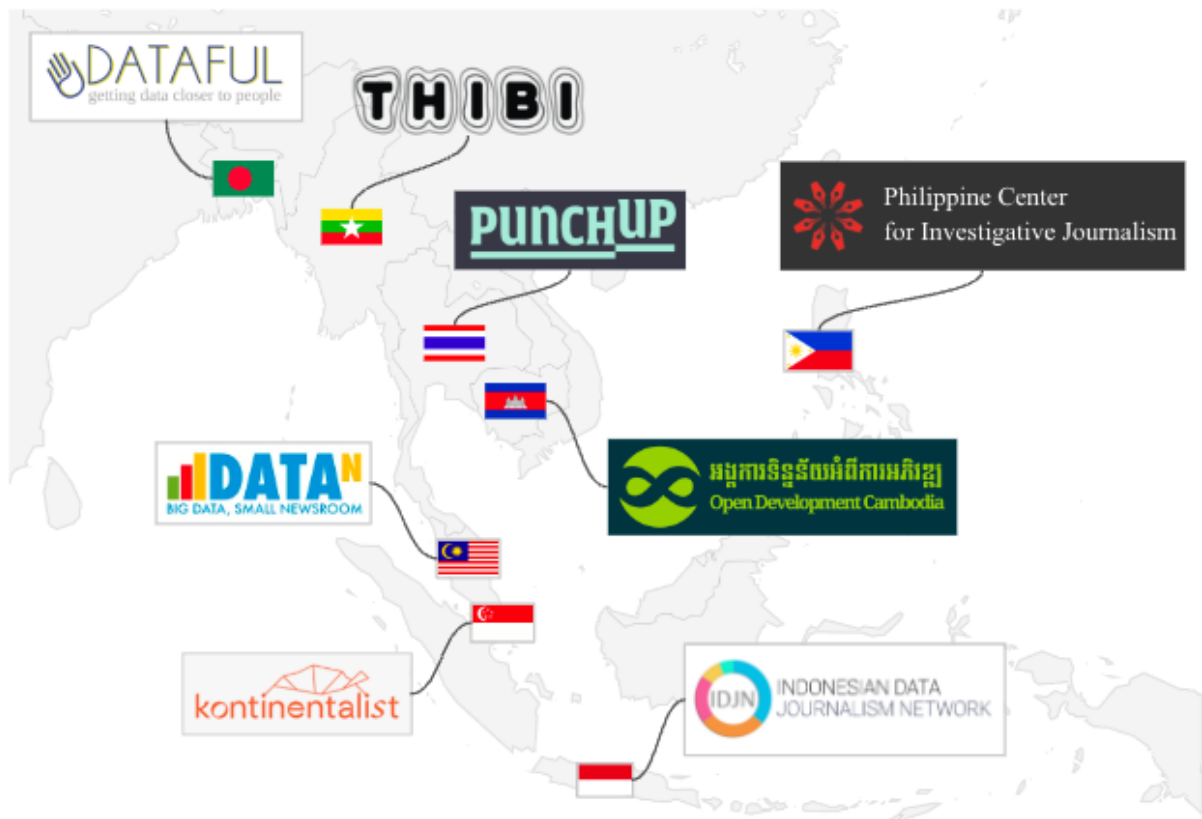
Published on Aug 11, 2021

How 'fake news' on the Hong Kong protests reached our shores



Splitting towns, shifting boundaries:
A data analysis of every
constituency change since 1968.

Data journalism allows you to communicate the results of months and months of research into complex issues



If you want to learn data journalism here are the organizations that can help

**HACKS/
HACKERS**

/ journcoders /

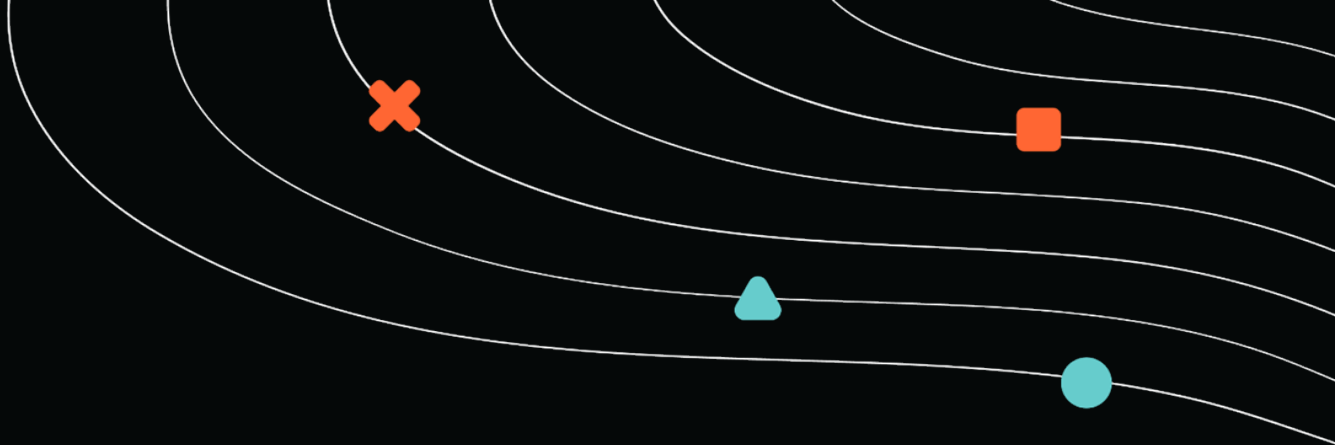
SCHOOL OF DATA



DATA4CHANGE


DataKind





Examples



 [Eye Original](#) / [Myanmar](#)

Myanmar's environment hit by rare earth mining boom



VOACambodia, Battambang, Cambodia

Cambodia's Fish Catch Numbers Don't Add Up for Fishers

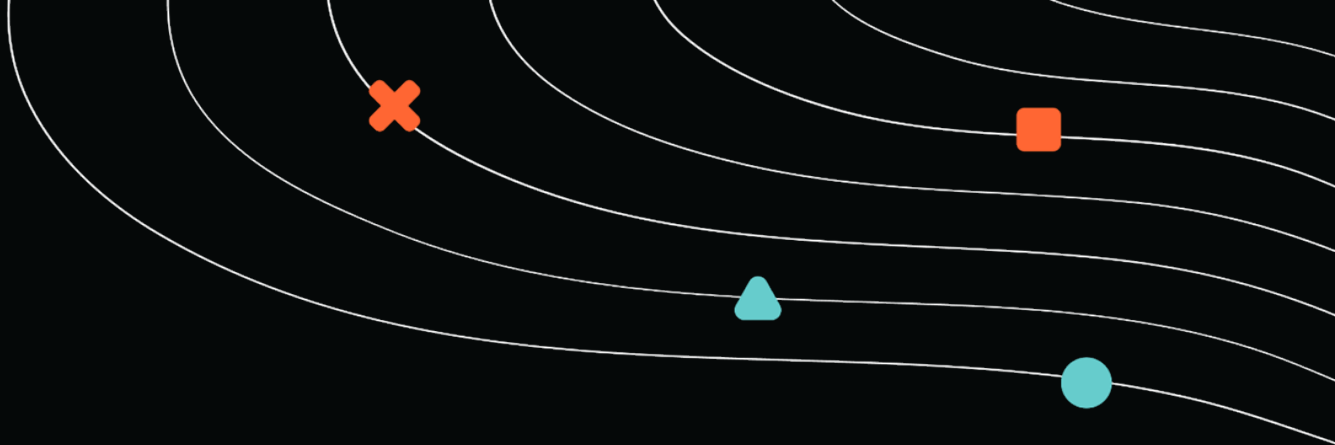
Sokummono Khan | 22 December 2021

[Dams](#)[aquaculture](#)[Fishing](#)[Biodiversity](#)

Cambodia's Land Grab Endangers People, Forests, and the Climate

Cambodia lost one-third of its forest coverage over the last two decades.





Hands-on Activity

Exploring deforestation in Stung Treng Province through data

- ▾ Cambodia
- ▾ Stœng Trêng
- ▾ Select a region

SHARE DASHBOARD

In 2010, **Stœng Trêng** had **763kha** of natural forest, extending over **66%** of its land area. In **2021**, it lost **17.9kha** of natural forest, equivalent to **11.0Mt** of CO₂ emissions.

SUMMARY

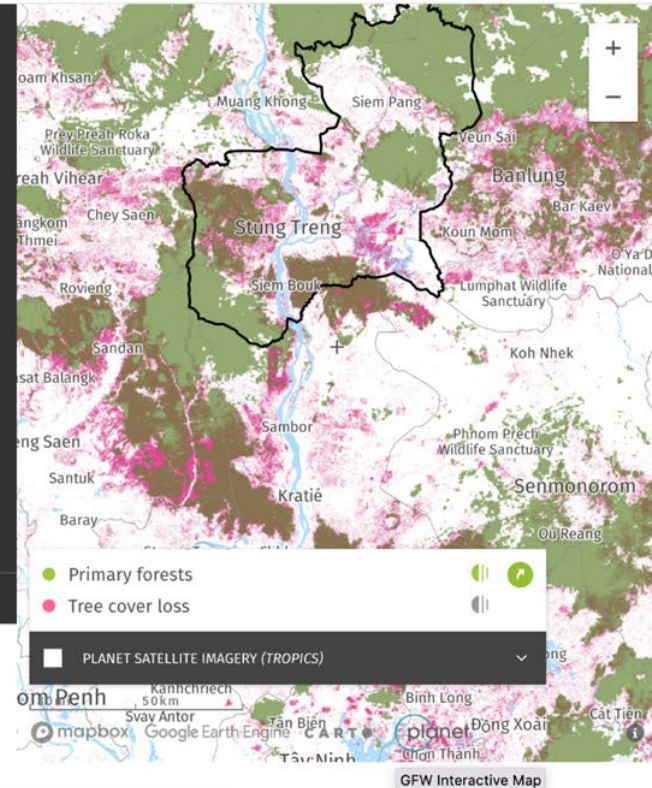
LAND COVER

FOREST CHANGE

FIRES

CLIMATE

Explore interactive charts and maps that summarize key statistics about forests in **Stœng Trêng, Cambodia**. Statistics – including rates of forest change and forest extent – can be customized, easily shared and



THIBI



Thank you