



UNIVERSITY OF
GOTHENBURG

Keeping the journalistic focus in data journalism teaching

How we work with data journalism projects

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RED CAPITAL IN HONG KONG

Featuring China's property investment in Hong Kong in the past decade

By Renyu Jin, Zinovia Fragkiadaki & Nina Müller



VOLUME XXII - NO. 155

Evening Edition

SPECIAL ISSU

GOTHENBURG IS SINKING

Article Title Cap

Another Article Title

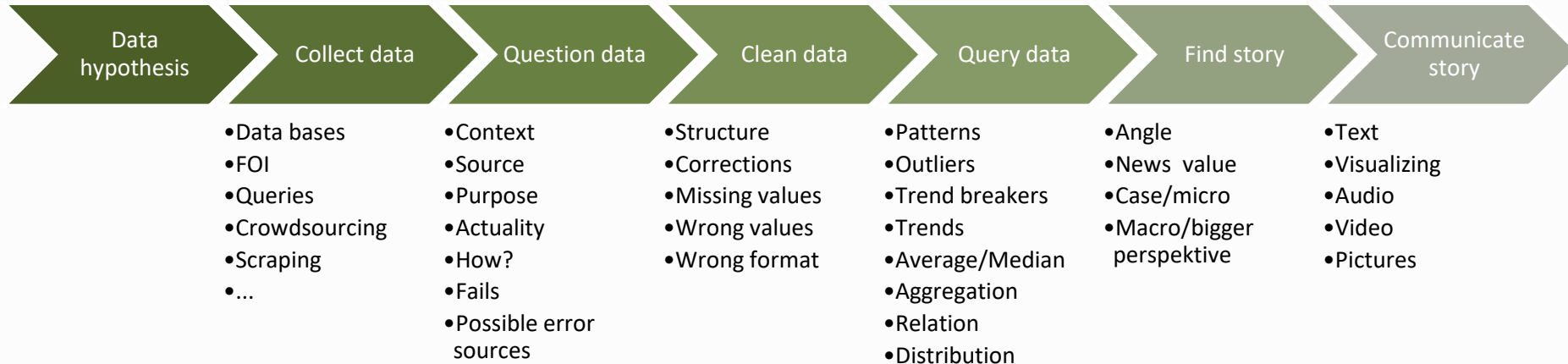
Data journalism

With journalistic purpose,	use structured data	to draw own conclusions .
<ul style="list-style-type: none">• Angle• Present in the best way	<ul style="list-style-type: none">• Gather• Verify• Clean	<ul style="list-style-type: none">• Analyze

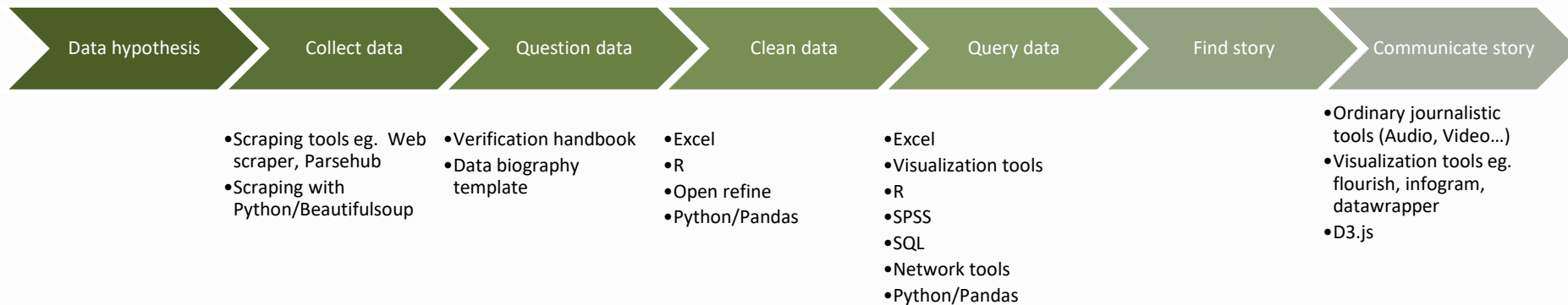
About the course

- 10 weeks of full time studies, November to January
- About one third of the time reserved for the project
- 25-30 students. Mandatory.
- Work with the project starts when the students have a basic understanding of data journalism, data handling, verification and visualization.

Processing data in journalistic context



Programming, apps etc: Tools that help us make journalism. Some examples:



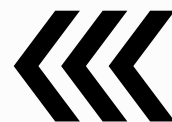
Tools for producing journalism – not the goal for data journalism

The strength of the journalist

- Nose for news
- Knowledge of sources
- Fact checking
- Accuracy
- Storytelling

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Index	Vehicle_id	Car_brand	Car_model	Owner	Accident_date	Accident_time	Accident_type	Accident_place	Fine_amount	Paid_or_not_paid	Last_day_to_pay	
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													

EXERCISE: GENERATE IDEAS WITH THE HEADLINES OF THIS DATASET

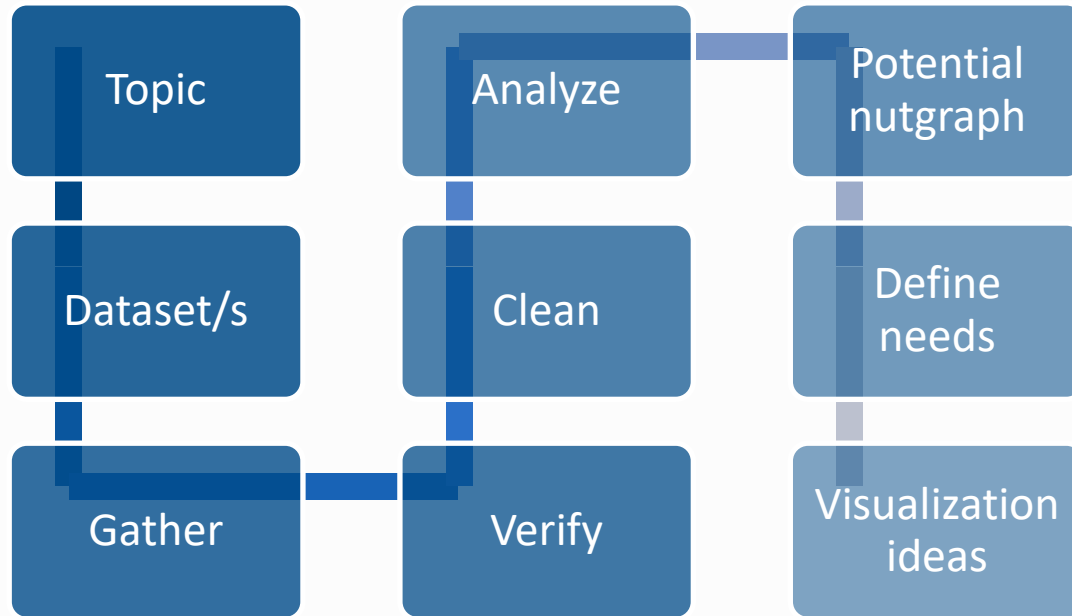


Train the "nose for news" in data

Data journalism project

- **Purpose:** *To use the tools and methods learned, to produce journalistic relevant pieces*
- Part 1 (Individual)
- Part 2 (In groups of three)
- Work report

Project part 1 – make a synopsis



GOTHENBURG IS SINKING

Article Title Con

Another Article Title

Synopsis

SYNOPSIS: DATA JOURNALISM PROJECT – GUSTAV ELFVING

Every day Gothenburg is slowly sinking. Since the city is built on clay it is more vulnerable to **subsidence**, that buildings sink and therefore get damaged ([se picture in link](#)), than other cities.

Subsidence has been a major issue concerning the controversial **Västlänken project** (the building of a tunnel through Gothenburg). The town officials have promised that there will be no major subsidence because of the tunnel, but some experts claim that a lot of buildings will be affected (and therefore get damaged). This is because the creation of the tunnel will affect the groundwater level (if water disappears, the ground sinks).

GOTHENBURG IS SINKING

Article Title Con

Another Article Title

Synopsis

Before Christmas, I applied for, and received, the data for each subsidence measurement in Gothenburg city since 1903. By using this data, we could see visualize how much different parts of Gothenburg's have been sinking during the years. We could also use the data to see whether some buildings in the city have been sinking more that what's normal during the recent years (which could be an effect of Västlänken).

GOTHENBURG IS SINKING

Article Title Con

Another Article Title

Synopsis

I know that our data visualization project is only for a limited time. Therefore, I have created a mini-and maximum level:

- The minimum level would be to map out how much different parts of the city has been sinking since 1903. For example, one maybe then could see that there has been more sinking during the recent years (that would be a start for a further investigation about Västlänken).
- The maximum level would be to conclude if the Västlänken has caused major subsidence in some areas. This will probably take more time than given this data journalism project.

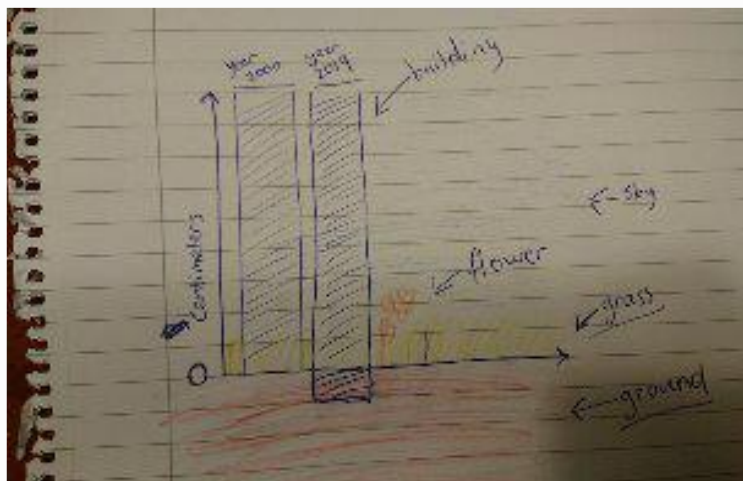
GOTHENBURG IS SINKING

Article Title Con

Another Article Title

Synopsis

Data biography



Dataset name	Measurement of subsidence in Gothenburg
Who collected the data	Right now, it's the Trafikverket (a government authority), with the help of companies specialized in geotechnics
Link to data source	I have received the data through a FOI
How was the data collected	Each data is a measurement of the groundwater table ; if the groundwater is lowered from one year to another, it means that the ground/building above has been sinking.
Sample Size	In total 17 000 measurements on 2 000 buildings/points in Gothenburg city.
When was the data	From 1903 to august 2019. There have been more measurements

Data journalistic project part 1



Project talks



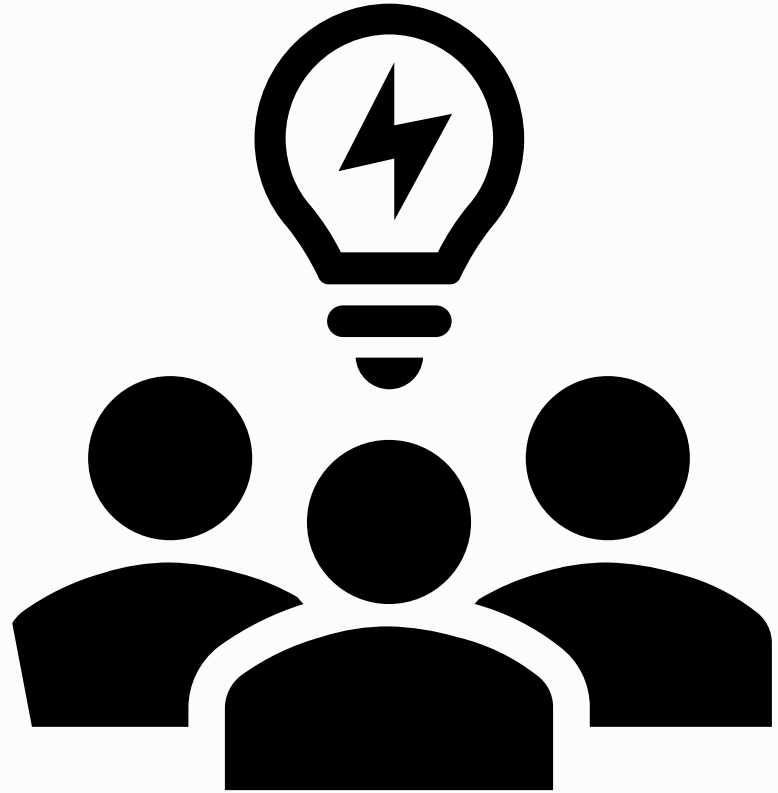
After deadline:

Class divided in two. Everyone reads all synopsis and prepares feedback.

PITCH: Everyone prepares a short (5 min) presentation of the own idea

Data journalistic project part 2

- At the seminar, after presentation and discussion, there is a vote to choose a few projects to proceed.
- Then the teams for each project are formed
- Project talks with each group



Data journalistic project part 2

- Write a journalistically relevant article based on the chosen data set
 - with at least one interview
 - and one visualization.
- A work report containing:
 - Discussion on dataset/s
 - Ethical considerations
 - Suggestion for improvement
 - Description of each step of the data journalistic process

Data journalistic project part 2

To obtain “pass”:

- A finished journalistically relevant article..
- ...based on at least one data set that is correctly handled and not misrepresented.
- One relevant interview and one correctly made visualization.
- The content of the visualization must be described in a caption or a table, to make it accessible.
- Work reports, following the instructions.

To obtain “pass with distinction”:

- An article of higher journalistic relevance using one or more data set(s)...
- ...not only correctly, but in a creative and inspired way.
- A visualization that works well with the article and shows a higher understanding of data visualization.
- The content of the visualization must be described in a caption or a table, to make it accessible.
- A work report with discussion and reflections that shows a higher understanding about ethics, and an ability to identify need of further knowledge and to develop skills.



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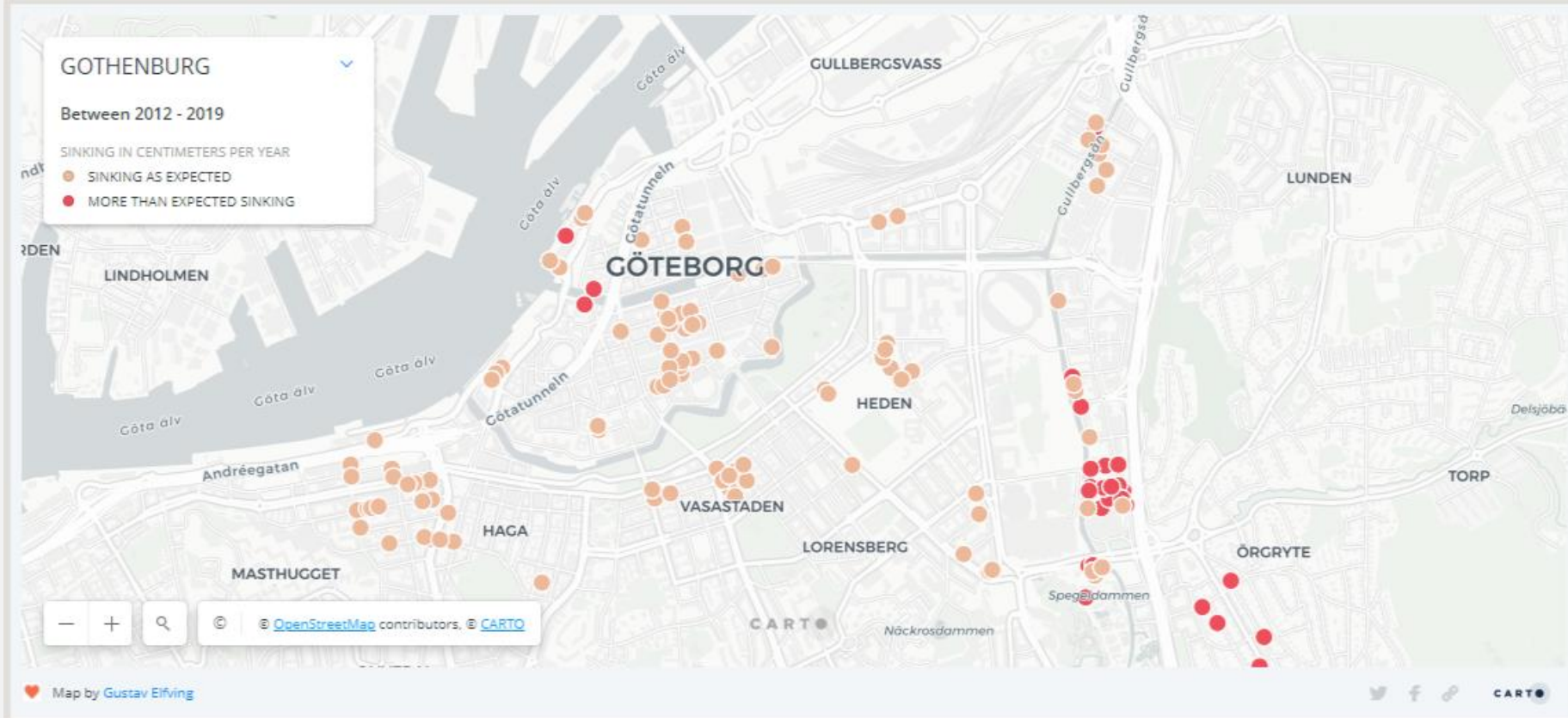
Is Gothenburg sinking more than expected ?



By Iris Brinkman, Beatrice Comoli, and Gustav Elfving

Several parts of Gothenburg could be sinking more than expected, an analysis from MIJ has found. Older houses, with poor sinking-reinforcement, become easy victims for the threat underneath

The visualization is a map of Gothenburg that includes 168 points. Hoover over the points to see the average sinking per year in centimeters. Points that are dark red are sinking more than expected. The expected sinking is calculated by Trafikverket (it didn't include all the areas where there were sinking points). Source: Trafikverket.



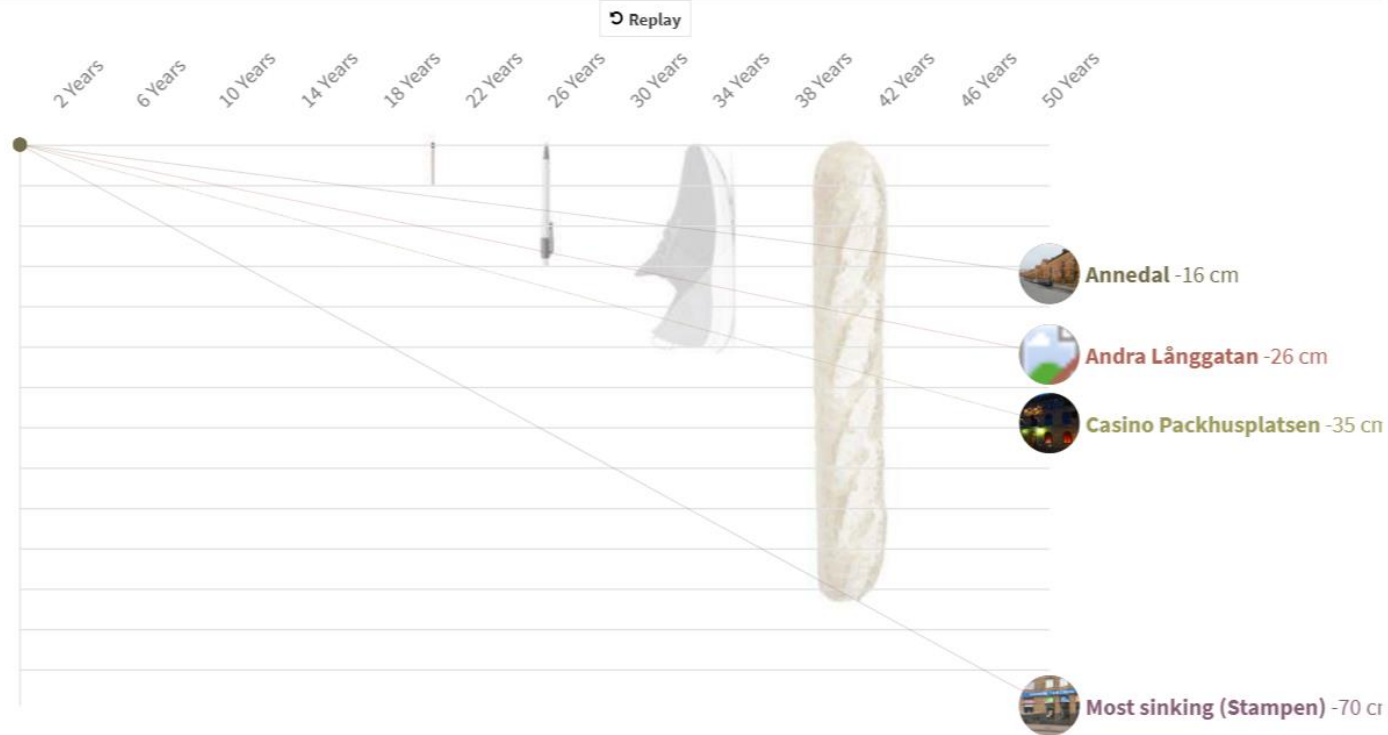


The picture shows a deep wall crack on the building situated between Ågatan and Underåsgatan.

One of these areas is Gårda, just above Liseberg. Consisting mainly of older apartment buildings with poor sinking-reinforcement, the area is situated next to the Mölndal river, where the expected sinking is 0.5 centimeters per year.

Yet, Mlj has found several points that sink between 0.6 and 1.3 centimeters per year. A trend that could be problematic already within 10 years, Mats Karlsson says. But when visiting the area, one could already see what seems to be the consequences.

SINKING IN GOTHENBURG: COMPARED TO DIFFERENT ITEMS



A Flourish data visualization

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What is the nut phrase/headline/angle?	Which people should appear in the article?	How would you like to visualize your data?	How your idea is good data journalism?	
<p>Headline: How has China's red capital in Hong Kong's property investment grown for the past 10 years?</p>	Hong Kong land sales policy maker	An interactive filter that allows the readers to explore the data, for example which properties have been acquired by a certain company	The narrative, analysis and visualizations with interactive features form a good journalistic flow and an open conversation with the readers. The methodology and source of data will be included in the article, which not only help the readers to observe and understand the data more comprehensively, but also enable them to verify and access raw data. The data are collected through both official database and personal research, adding an investigative element to the entire piece.	
<p>Nut phrase: Chinese property developers have become a dominating force in land acquisition in Hong Kong (HK), from winning only 6% of total government tender 10 years ago to over 70% today. Many of the wealthy Chinese developers are also supported by the powerful central government, outstripping HK property tycoons with large margin and forcing them to treat to commercial real estate market.</p>	Henderson Land Development Co., who could not compete with Chinese developers and had to turn to commercial real estate instead	Animated stacked bar chart showing how the percentage of each country's tender awarded HK's land over the years have developed		
	local HK home buyers	Line chart highlighting the growth of China's investment		
	Emerging Chinese developers such as Vanke Group	Interactive map visualizaing the properties sold		



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Hong Kong property developers have long dominated the city's economy, but data shows that real estate tycoons from China mainland are challenging their status in Hong Kong government land acquisition.

From accounting for only 2 per cent of overall investment in land sales ten years ago, China has taken up to 50 per cent of the total in recent years, according to official data from the lands department.



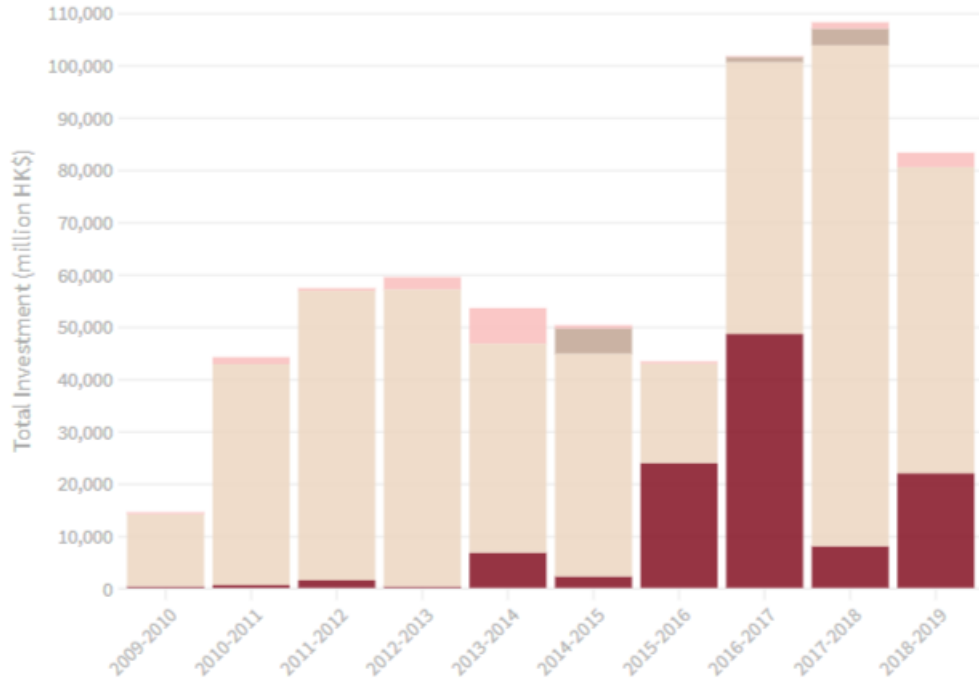
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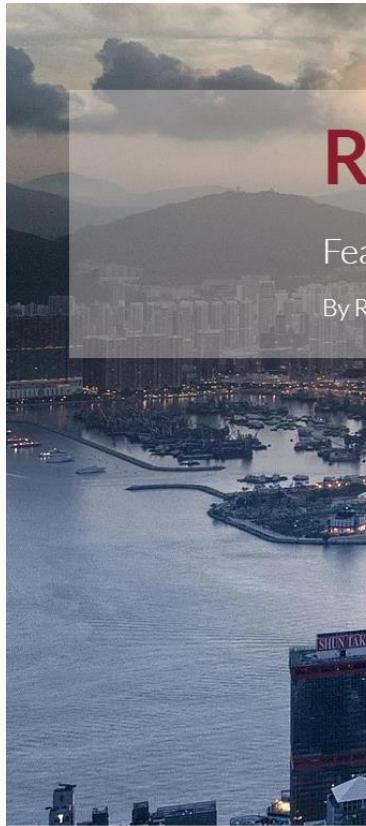
By Ren

Total Investment In Hong Kong Government Land By Origin 2009-2019

China Hong Kong Hong Kong-China Others



Source: [Land Sale Record](#) from Lands Department of The Government of the Hong Kong Special Administrative Region



← China

Country of Origin
China

Year
2018

Location
YUEN ON STREET, SHA TIN, NEW TERRITORIES

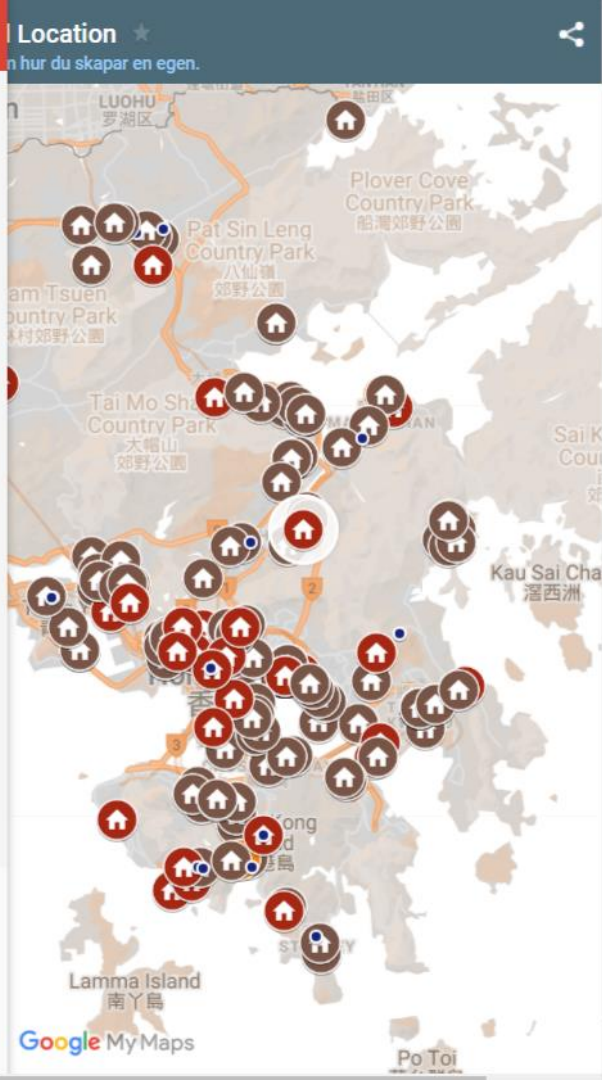
User
PETROL FILLING STATION

Area (sqm)
1248

Price (million HK\$)
289

Tender
Sinopec (Hong Kong) Limited

Parent/Holding company
China Petroleum & Chemical Corporation



Barbie Ideal for Swedish Models

Barbie



Anna



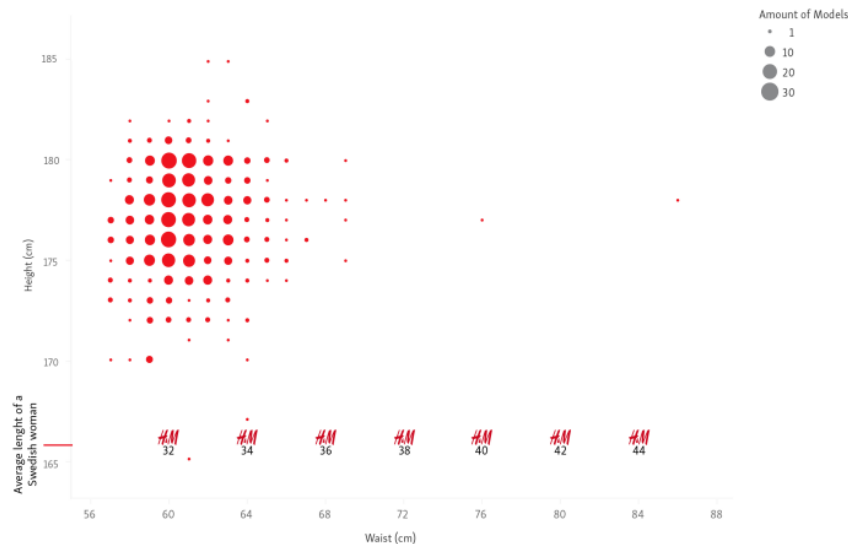
A Barbie doll has the waist-height-ratio of 0.31 – a typical Swedish model is just slightly above with 0.34.

Her name is Anna. She is 177 centimeters, has blue eyes and a size zero waist. She is today's typical Swedish fashion model and still represents an unhealthy body ideal from the 60s.

**Johanna Lingaas Türk
Sandra Pandeovski**

A 14-year-old girl, window shopping with her friends, was stopped by a man on the street in Gothenburg. He asked her if she wanted to become a fashion model. He was scouting for Elite Model Management in Stockholm and explained

Waist and Height Measurements for Elite Models



Barbie Ideal for Swedish Model

Home / Main Board / Anastasia R



Anastasia R

Add to Short

Height	175
Size	36
Shoes	38
Bust	82
Waist	60
Hips	86
Hair	Dark Blond/Light Brown
Eyes	Blue



If she wanted to become a fashion model. He was scouting for Elite Model Management in Stockholm and explained

Models

Amount of Models

- 1
- 10
- 20
- 30

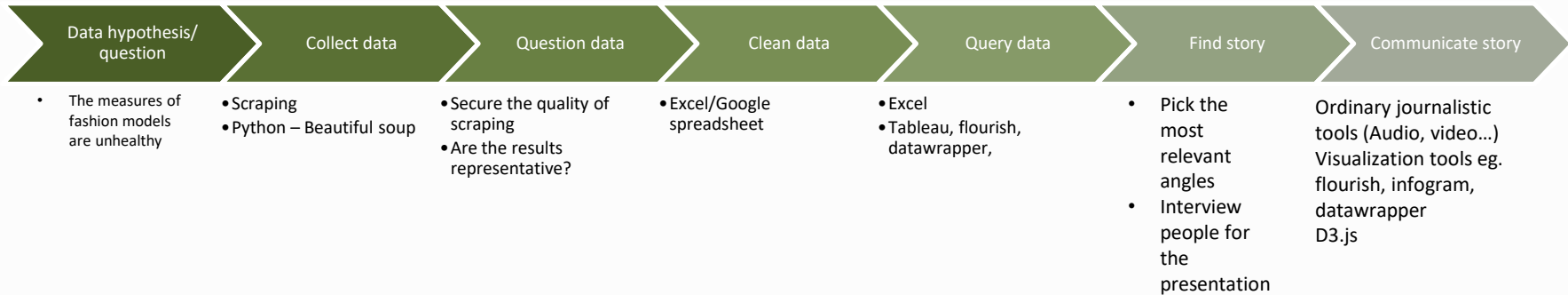
42

44

80

84

88



Always an ongoing work

- Upcoming development:
 - Data ethics and equity
 - Checklists
 - More constructive peer assessment
 - More time between part one and two
 - More focus on accessible presentations

An example of the work of a former student:

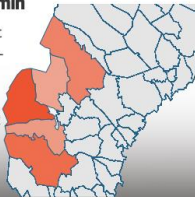


Ett år med corona

Den 10 mars är det ett år sedan det första coronafallet upptäcktes i länet. Här är några av de viktigaste händelserna under året som gått.

Så mycket har gränshandeln förlorat under coronapandemin

Kartan visar hur mycket dagligvaruhandels försäljning i länets gränskommuner **minskade** under april-juni jämfört med 2019. Tryck på kommunen för att se exakta siffror.



Andra vågen

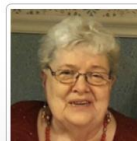


Efter en ganska lugn höst **ökar** smittspridningen igen i länet. I november dör den första personen med covid sedan i augusti.

Men det är inte områden i länets centralorter som får flest bekräftade fall när smittans andra våg kommer. I Östersund och Strömsunds kommun är det istället **mindre orter** - Orrviken och Hoting - [som har flest fall per postnummer](#).



Under sommaren minskar smittspridningen och i juni är det fritt fram att resa inom Sverige igen. Trycket på destinationer som Jämtlandsträngeln ökar kraftigt.



Rut Andersson avled

Rut Andersson, 79, är en av de 117 personer som avlidit i sviterna av corona. Den 17 augusti kopplades respiratorn bort.

Jag var rädd att mormor skulle behöva dö ensam. Nu behövde hon inte göra det zanne Nordin, barnbarn, var på plats med familjen under Ruts sista minuter.

[Läs mer om Rut här.](#)

Vi har beställt massa kött och bacon

- Handlaren Jonathan Nilsson

Lördag den 5 september öppnar gränsen mot [Norge efter att ha varit stängd i ett halvår](#).

Butikernas jubel blir dock inte långvarigt då gränsen **stängs igen en vecka senare**.

