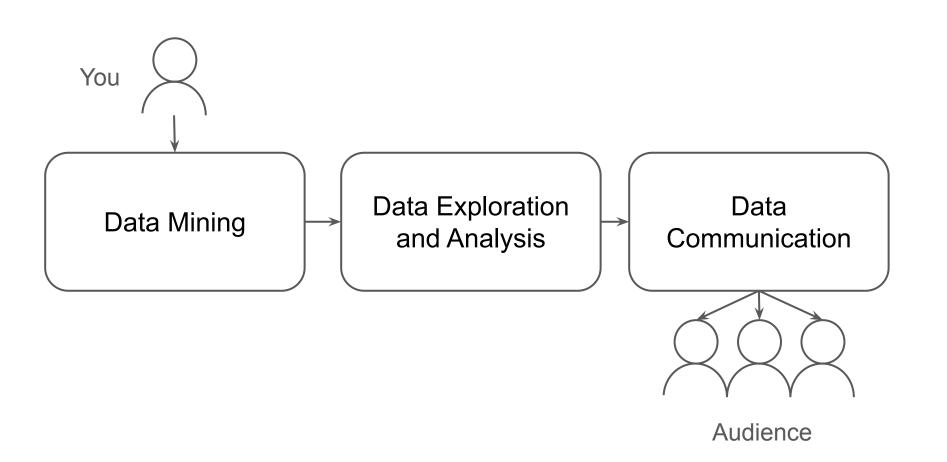
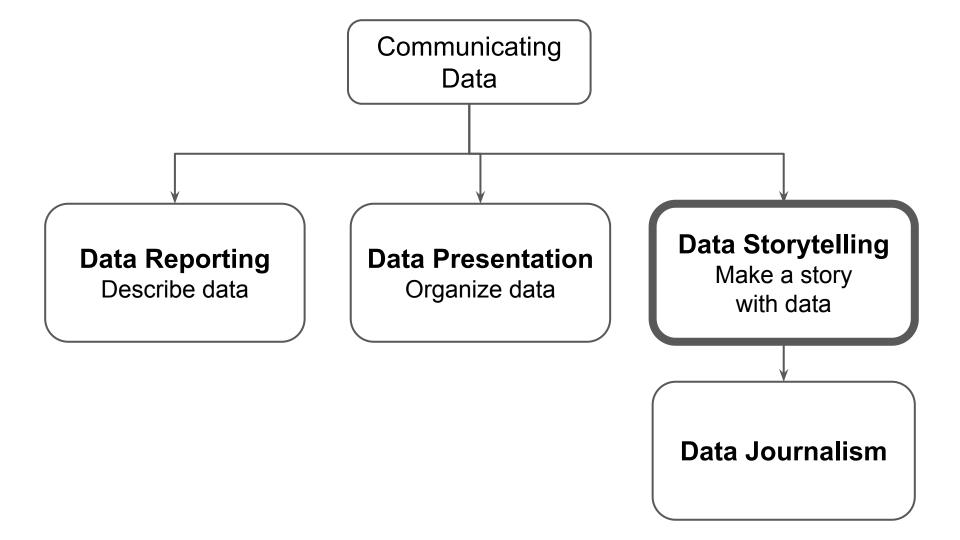
Data Storytelling -Let's Practice!

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Why did we choose data storytelling to communicate our data?



Because people (our audience) love stories

Because stories engage the audience emotionally

A story comprises three acts

I Act: Setup

Explain the context, and all the information required by the audience to understand the story. Also, present the hero

II Act: Problem

Explain the problem the Hero has

III Act: Solution

Explain how/if the hero solves the problem and the next steps

Data-driven story types*

* Ojo, A., & Heravi, B. (2018). Patterns in award winning data storytelling: Story types, enabling tools and competences. Digital journalism, 6(6), 693-718.

Refute Claims

Reveal evidence that proves that a (widely) held assertion, view or opinion may not be correct or that it is at least contestable.

For example, the claim that harvesting metadata of messages alone does not compromise privacy of citizens may not be true.

Reveal unintended consequences

Provide insights that show that an action taken by an organization or state may be having serious unintended consequences.

For example, a government policy to grant citizens the right to refuse some vaccination may inadvertently endanger a large segment of its population in the near future.

Reveal information of personal interest

Provide concrete information about an event or issue of high personal and public interest.

For instance revealing the true cause of an accident by analysing the data related to the event or showing the wage gap between men and women in a countries workforce.

Enable deeper understanding of a phenomenon

Employs data to provide the public with detailed facts about phenomena.

This includes providing new facts on wars, consequences of policies, poverty or issues in specific regions.

Reveal anomalies and deficiencies in systems

Reveals how a group or category of actors may be dubiously taking advantage of a system.

For instance, revealing how tennis players may be involved in match fixes, or how older demographic group are being exploited by rogue health insurance agents.

Track changes in systems

Enables the tracking of changes in system or entity over time.

For instance tracking the changes in the assets of politicians in public office before, during and after taking a public office or how a city infrastructure or service has evolved over time.

Reveal information about an entity in increasing levels of details

This involves zooming into facts about a specific entity or phenomenon.

For instance, providing details about the assets of politicians at a point in a time in way that enables the reader from a high-level or cursory level to details of the different aspects of the entity.

Exercise 1

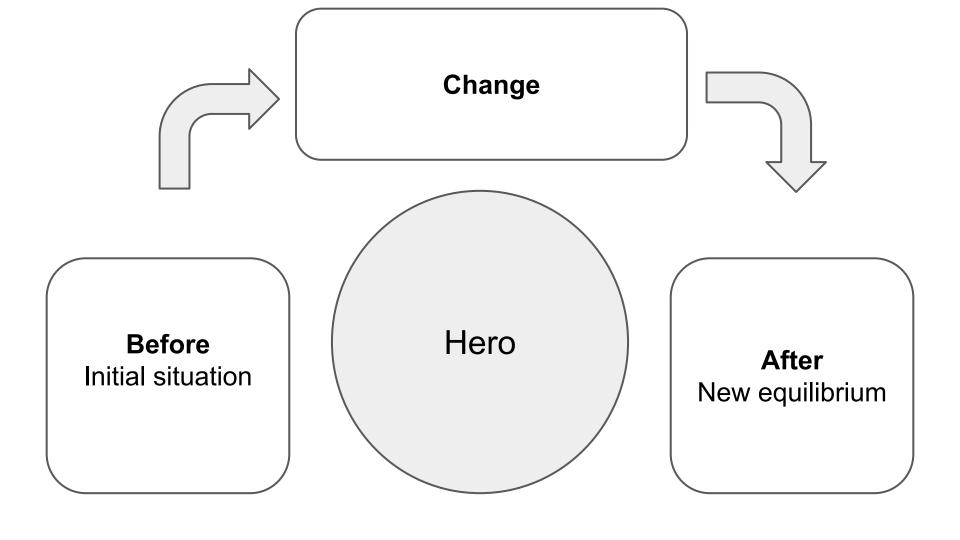
States where abortion is legal, banned or under threat

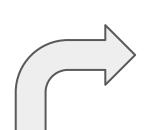
1. Identify

- a. The Hero
- b. The object of desire
- c. The problem
- d. What to do after reading the story

2. <u>Identify the story type</u>

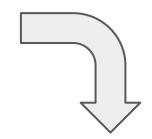
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Change

Something happens
Pronuncia della Corte Suprema e altri
provvedimenti che inaspriscono la condizione
Cambiamento della situazione tra i vari stati



Before

Initial situation

Era garantito il diritto all'aborto

Hero

- 1. Diritto all'aborto
- 2. Legge sull'aborto
- 3. Donne
- 4. Stati Uniti

After

New equilibrium

In ogni stato c'è una legge diversa Non in ogni stato è garantito il diritto all'aborto Questione aperta

Identify the story type

Refute claims

Reveal unintended consequences

Reveal information of personal interest

Enable deeper understanding of a phenomenon

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Next Steps

Sharing

Raccolta firme

Learn more

Exercise 2

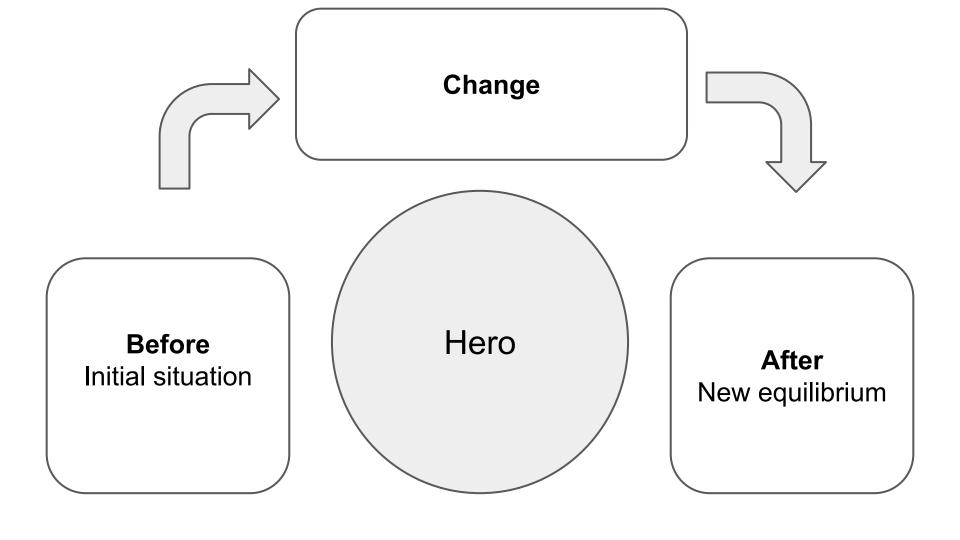
Alta velocità, i ritardi nascosti delle Frecce

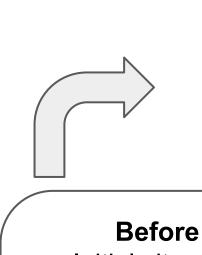
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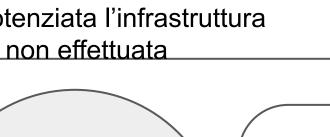
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Something happens
E' arrivato Italo e sono aumentati i treni sulle

tratte
Non è stata potenziata l'infrastruttura
Manutenzione non effettuata



Initial situation

Dettaglio sul numero dei treni dal 2009 e il costo dal 2016 Assenza di concorrenza 9/10 treni in orario Hero Treni Le Frecce I viaggiatori

New equilibrium

Aumento dei prezzi

Aumento dell'offerta

After

Aumento dei prezzi Aumento dell'offerta che camuffa il problema dei ritardi

Next Steps

Learn more

Identify the story type

Refute claims

Reveal unintended consequences

Reveal information of personal interest

Enable deeper understanding of a phenomenon

Reveal anomalies and deficiencies in systems

Track changes in systems

Reveal information about an entity in increasing levels of details

Exercise 3

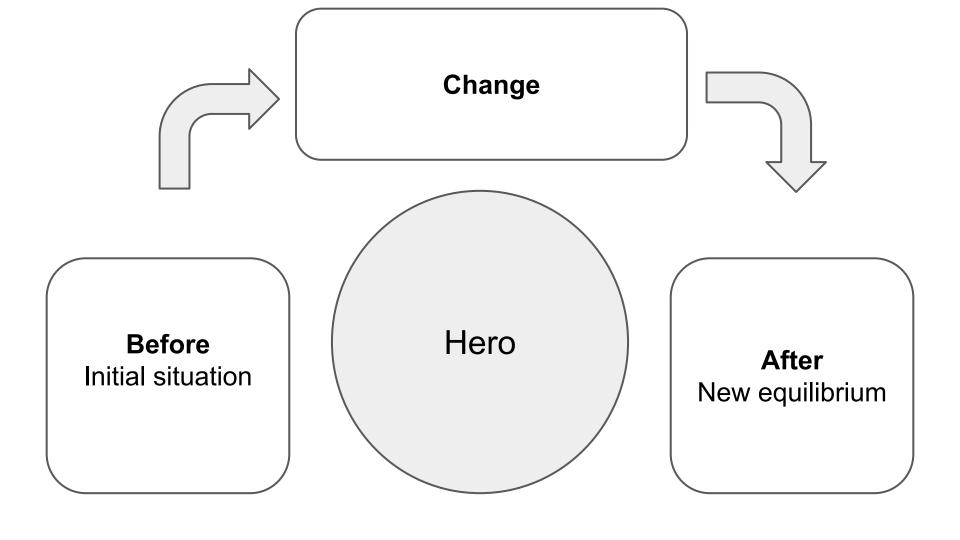
Carabinieri, poliziotti, finanzieri: un suicidio ogni sei giorni. Il fenomeno di cui nessuno parla

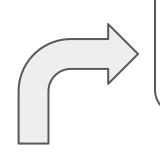
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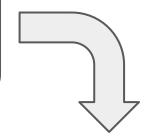
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Something happens
Sindacati sono intervenuti per
tracciare il problema
Il problema è il numero di
suicidi

Cnange



Before

Initial situation

Prima se ne parlava di meno Non c'era un osservatorio

Hero
Suicidio tra
le forze
dell'ordine
Componenti
delle forze
dell'ordine

After

New equilibrium

Serie di manovere per il supporto psicologico Identify the story type

Refute claims

Reveal unintended consequences

Reveal information of personal interest

Enable deeper understanding of a phenomenon

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Track changes in systems

Reveal information about an entity in increasing levels of details

Exercise 4

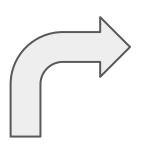
How many books did you read in 2023? Are you in the top 1 percent?

1. Identify

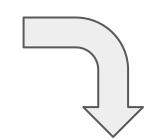
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Change Something happens



BeforeInitial situation

Hero

After New equilibrium