The Next Generation Journalists Program

WORKSHOP HANDBOOK

Open Data

Filter

Visualize

Infographics

Review

Research

Data Analysis

STORY
Data Journalism is a new set of skills for searching, understanding and visualizing digital sources. It has a wider approach. At the core the process builds on the growing availability of open data that is freely available online and analyzed with open source tools. Data-driven journalism strives to reach new levels of service for the public, helping the general public or specific groups or individuals to understand patterns and make decisions based on the findings. As such, data journalism might help to put journalists into a role relevant for society in a new way.
1. Data makes your argument stronger
2. Visualizations attract readers
3. Having dedicated data journalists in a newsroom
4. An alternative for “he-said-she-said” stories

5. Competitive advantage for reporters

6. Explore the open field of data
HOW DO I START DATA JOURNALISM?

THE INVERTED PYRAMID OF DATA JOURNALISM

- Utilize
- Personalize
- Humanize
- Socialize
- Narrate
- Visualize

- Communicate
- Combine
- Context
- Clean
- Compile

How do I start data journalism?
Effective visualization helps users analyze and reason about data and evidence. It makes complex data more accessible, understandable and usable. Because of the way the human brain processes information, using charts or graphs to visualize large amounts of complex data is easier than poring over spreadsheets or reports. Data visualization is a quick, easy way to convey concepts in a universal manner – and you can experiment with different scenarios by making slight adjustments.
DATA VISUALIZATION TOOLS YOU CAN USE FOR FREE

1. Tableau Public
2. OpenHeatmap
3. Google Fusion Tables
4. Factual
5. Socrata
42% of reporters use data to tell stories regularly.

51% of all news organizations in the U.S. and Europe now have a dedicated data journalist.

33% of journalists use data for political stories.

28% for finance.

25% for investigative stories.
Countries with most data journalists in newsrooms:

- 56%
- 52%
- 52%
- 46%

53% of the samples saw data journalism as a speciality skill that requires extensive training, and not easy.

49% of data stories are created in a day or less.
REFERENCES

www.blog.google/topics/journalism-news/data-journalism-2017/
www.datajournalismhandbook.org/1.0/en/introduction_2.html