

THE IMPORTANCE OF DATA JOURNALISM FOR A BETTER NEWS REPORT

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ABSRTACT

Now-a-days breaking news has already been broken by various types of social media such as facebook, linked in, twitter, you tube, reddit, tumblr, Instagram, snapchat, pinterest, vimeo and many others electronic media. So, it is very essential to find out the new 'issue' for news reporting in newspaper and television that can helps audience to move from fake news to verifiable and reliable news. On the other side, the digital world, we live in, becoming the sources of open data. In this situation, the gap between reader and publisher is repletion by data journalism and day to day data journalism revolutionizes our news rooms and revolutionizes our news cycle.

KEYWORDS: *Data, Journalism, Social Media, Information, Graphic Design, Evolution, Terabytes, Visual Story, Fact Journalism*

INTRODUCTION

There is a relationship between information and data. Information (noun) means facts or details about somebody or something and data used as a 'plural' noun in technical English, when the singular is datum (noun) and which mean a fact or piece of information.

Data means facts or information, especially when examined and used to find out things or to make decisions whereas journalism is the work of collecting and writing news stories for newspapers, magazines, radio, television or internet and is the way of dissemination news and opinions, a part of mass communication.

Data journalism is the way or process of finding data and digging deep into data by scraping, analyse and examine the numbers, filtering by pulling out for specific information and making a visual story for developing personal connections between the writer or broadcaster and reader or audience.

In data story 'issues' are census, election result, service delivery, budget analysis, crime stats, accident or death toll, sports discuss, catastrophic risk in coastal areas or environment pollution and various kind of economic or business analysis etc.

Before data journalism advent, journalism connected not more than a lot of quotes, words, photography and numbers. The main purpose of data journalism is to visualize data to make information easily understandable and appreciable. The same as using in graphics and design. In news reporting, the most commonly used charts are bar, line, pie, scatter plot, Bubble chart and word cloud etc.

Data journalism also called precision journalism and computer-assisted with new approaches to story telling.

The Evolution of Data

Data never sleeps, because data is created every single minute. Example, when you take your selfie or any picture and upload in your facebook or instagram, you generated your data. Instagram users post 46,740 photos every minute of the day.

It is hard to envision that 2.5 quintillion bytes of data are generated each day. We probably familiar with terabytes, 1000 gigabytes are 1 terabyte. $2.5 \times 10^{18} / 10^{12} = 2500000$. Which are 2.5 million terabytes. A few years ago, 90% of the data in the earth today has been generated.

Data created and collected by many government bodies or public or private organizations, different types of security camera card readers, various apps we use, market research questionnaires, poll surveys or census, internet, social media, e-mail, digital photos, services (weather channel, venmo, Uber riders, Wikipedia) and internet voice search.

For this reason there are so much data around us and these data are accessible. These data may be about our family-children, our movement, education, houses, life styles, city, environment, government, country and our big universe we live in.

Telling Story with Data in the News Report

One of the most famous data journalism project name was 'Panama papers'. That project exposed some of the bigger or more shocking instances of fraud tax elusion and unlawful activity internationally; twelve national leaders are among 143 politicians, their families and close acquaintances from around the world.

This project has processed the largest leak of data yet in the history. Around 400 journalists from 100 news organizations and 80 countries around the world worked on this biggest data journalism project. Out of this data more than 5000 news items are circulated in two years.

Data journalism helps not only cover more attention-grabbing stories, but also helps to move from who said and what said stories. Given that this is the fact journalism.

The Significance of Data Journalism

The reason that data journalism is exigent is that journalist can do a much enhanced and more accurate job of describing reality. It also allows the readers and the audience to examine news version of the fact. Because our audiences are more accustomed to scrutinizing numbers, facts and figures than they did before.

There are a large number of audience and reader who get afraid to see large number; it helps to find out the truth behind the large number, a smooth from opaque to transparent.

Data journalism is an essential part of modern journalism; it helps to make sense of mass information. It saves time to a reporter for reporting long storytelling and reader or audience to understand the whole story in the news report at a glance. This is the way to see things that reader might otherwise not observe or feel before.

CONCLUSIONS

News is not a monologue any more. It's a dialogue, a conversation. The data helps journalist to keep the audience informed. Data can also make an argument stronger, Valid able and dependable. For this reason, data journalism helps a country to move towards a more democratic way.

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