

# Impact of Data Journalism on Indian News Websites and the Rise in Engaging Innovative Practices

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**Abstract**—Data journalism is perceived to be a tool for producing better journalism with the help of statistical methods, visualisation and interactive means of presenting information. Big Data has changed the face of journalism with the enormous amount of information being generated in digital media. Data journalism is barely a decade old but the influences on the journalism practices has transformed the culture of generating news stories. The increased availability of data across the internet has led to the new dimension of Indian media particularly the online media.

This paper aims at indicating the changes that online media has experienced with the rise in innovative reporting, data visualisation and presentation of news and information. This research emphasises on the journalism practices and technological changes that big data has brought about to journalism in Indian context and how media organizations are dealing with the present colossal data.

The objective of this paper is to analyse the changing trends in news reporting by usage of 'big' data in news rooms and will reflect the trends and the impact of 'big' data on cultural and journalistic practices in India and on its readers.

News websites like Indiaspend.com, Hindustan Times, First Post to name a few will be taken up as examples to reflect the changes that the Indian news websites are experiencing.

This also paves way to gauge the changes that concerns the news audiences, story forms, news generations, values and ethics. The influences of data in the news values and ethics, the practices of newsrooms and its impact on transformation created in generation of online news reports.