

How can data journalism projects tell stories *both with and about data* including the various actors, processes, institutions, infrastructures and forms of knowledge through which data is made?

1/12. "Twelve challenges for critical data practice" from *The Data Journalism Handbook: Towards a Critical Data Practice*, Amsterdam University Press, 2021

How can data journalism projects tell stories about big issues at scale (e.g., climate change, inequality, multinational taxation, migration) while also *affirming the provisionality and acknowledging the models, assumptions and uncertainty* involved in the production of numbers?

2/12. "Twelve challenges for critical data practice" from *The Data Journalism Handbook: Towards a Critical Data Practice*, Amsterdam University Press, 2021

How can data journalism projects account for the *collective character of digital data, platforms, algorithms and online devices*, including the interplay between digital technologies and digital cultures?

3/12. "Twelve challenges for critical data practice" from *The Data Journalism Handbook: Towards a Critical Data Practice*, Amsterdam University Press, 2021

How can data journalism projects *cultivate their own ways of making things intelligible, meaningful and relatable through data*, without simply uncritically advancing the ways of knowing "baked into" data from dominant institutions, infrastructures and practices?

4/12. "Twelve challenges for critical data practice" from *The Data Journalism Handbook: Towards a Critical Data Practice*, Amsterdam University Press, 2021

How can data journalism projects *acknowledge and experiment with the visual cultures and aesthetics that they draw on*, including through combinations of data visualisations and other visual materials?

5/12. "Twelve challenges for critical data practice" from *The Data Journalism Handbook: Towards a Critical Data Practice*, Amsterdam University Press, 2021

How can data journalism projects make space for *public participation and intervention* in interrogating established data sources and re-imagining which issues are accounted for through data, and how?

6/12. "Twelve challenges for critical data practice" from *The Data Journalism Handbook: Towards a Critical Data Practice*, Amsterdam University Press, 2021

How might data journalists cultivate and consciously affirm *their own styles of working with data*, which may draw on, yet remain distinct from areas such as statistics, data science and social media analytics?

7/12. "Twelve challenges for critical data practice" from *The Data Journalism Handbook: Towards a Critical Data Practice*, Amsterdam University Press, 2021

How can the field of data journalism *develop memory practices to archive and preserve their work*, as well as situating it in relation to practices and cultures that they draw on?

8/12. "Twelve challenges for critical data practice" from *The Data Journalism Handbook: Towards a Critical Data Practice*, Amsterdam University Press, 2021

How can data journalism projects collaborate around transnational issues in ways which *avoid the logic of the platform and the colony, and affirm innovations at the periphery*?

9/12. "Twelve challenges for critical data practice" from *The Data Journalism Handbook: Towards a Critical Data Practice*, Amsterdam University Press, 2021

How can data journalism support marginalised communities to use data to *tell their own stories on their own terms*, rather than telling their stories for them?

10/12. "Twelve challenges for critical data practice" from *The Data Journalism Handbook: Towards a Critical Data Practice*, Amsterdam University Press, 2021

How can data journalism projects develop their own *alternative and inventive ways of accounting for their value and impact in the world*, beyond social media metrics and impact methodologies established in other fields?

11/12. "Twelve challenges for critical data practice" from *The Data Journalism Handbook: Towards a Critical Data Practice*, Amsterdam University Press, 2021

How might data journalism *develop a style of objectivity which affirms, rather than minimises, its own role in intervening in the world* and in shaping relations between different actors in collective life?

12/12. "Twelve challenges for critical data practice" from *The Data Journalism Handbook: Towards a Critical Data Practice*, Amsterdam University Press, 2021