**Data Journalism: What’s a Two-Year College to Do?**

**The Why**

* [What’s missing from data journalism education and how we can improve the field](http://www.knightfoundation.org/blogs/knightblog/2016/3/25/whats-missing-data-journalism-education-and-how-we-can-improve-field1/) by Joscelyn Jurich/KnightFoundation.org
* [Teaching Data Journalism: A Survey & Model Curricula](http://gijn.org/2016/03/12/teaching-data-journalism-a-survey-findings-model-curricula/)
* [Teaching Data and Computational Journalism](https://www.gitbook.com/book/columbiajournalism/teaching-data-computational-journalism/details)

**Resources**

* **MOOCs**
  1. [University of Hong Kong](https://mooc.jmsc.hku.hk/)
  2. [Journalism in the Americas, University of Texas at Austin](https://knightcenter.utexas.edu/) (No current courses but bookmark this!)
  3. [Google’s Making Sense of Data](https://datasense.withgoogle.com/course) (Archived class)
  4. HOT TIP: [Doing Journalism With Data](http://learno.net/courses/doing-journalism-with-data-first-steps-skills-and-tools) (Archived from the European Journalism Centre)
* **YouTube/Online Tutorials**

1. [Steven Doig](https://www.youtube.com/watch?v=QvVsP9w1Ba4) (Use this as a start to find other videos from him.)
2. [Knight Digital Media Center at UCBerkeley spread sheet tutorials](http://multimedia.journalism.berkeley.edu/tutorials/spreadsheets/) (Online tutorial that walks you through spreadsheets, step by step)

* **IRE/NICAR** (Check their website.)
* [**CUNY**](https://www.digitaljschool.com/school/catalog/)(Free online tutorials)
* **Handbooks**

1. [Data Journalism from the Center for Investigative Journalists](http://www.tcij.org/sites/default/files/u4/Data%20Journalism%20Book.pdf)--Good resource with Excel tutorials. Don't let the British spellings deter you
2. [Data Journalism Handbook](http://datajournalismhandbook.org/1.0/en/index.html)--More British spellings, but a HUGE treasure trove of information.
3. [School of Data Handbook](http://schoolofdata.org/handbook/)--This online handbook walks you through all aspects of finding and using data.
4. [Facts are Sacred](https://www.amazon.com/Facts-are-Sacred-Text-ebook-ebook/dp/B00B72L1HQ?ie=UTF8&keywords=facts%20are%20sacred&qid=1465063840&ref_=sr_1_1&s=books&sr=1-1) by Simon Rogers—inexpensive ebook.
5. [Scraping for Journalists](https://leanpub.com/b/spreadsheetsandscraping#scrapingforjournalists) and [Finding Stories with Spreadsheets](https://leanpub.com/spreadsheetstories) by Paul Bradshaw (and while you’re there, check out his Snapchat ebook.)
6. [The Functional Art](http://www.thefunctionalart.com/) by Alberto Cairo (and look for his tutorials on his website, too)

* **Compilation Websites**

1. [MaryJo Webster’s Data Journalism](http://mjwebster.github.io/DataJ/) (amazing treasure trove of resources)

**Tools**

* [Silk](https://www.silk.co/)
* [Import.io](https://www.import.io/)
* [PDFTables](https://pdftables.com/)
* Google spreadsheets for scraping, use this formula: =importhtml("URL","table",1)
* [Tabula](http://tabula.technology/)
* [OpenRefine](http://openrefine.org/)
* [OutWit Hub](http://outwit.com/products/hub/versions-features)

**Data**

* [Open Data Stack Exchange](http://opendata.stackexchange.com/)
* [Google Public Data Explorer](http://www.google.com/publicdata/directory)
* [OpenCorporate](https://opencorporates.com/)