Supplementary Information for the Human Rights Data Dive Hackathon

# Relevance

The Information below is relevant for the following challenges:

* Online sources & human rights: How to Assess a Source's Credibility?
* SDGs & human rights: How to Extract SDG Indicator Data from Newspaper Articles?

# Information on SDG Indicator 16.10.1

* [Official metadata](https://unstats.un.org/sdgs/metadata/files/Metadata-16-10-01.pdf)
* [Official guidance note](https://www.ohchr.org/Documents/Issues/HRIndicators/SDG_Indicator_16_10_1_Guidance_Note.pdf)

# Python Code Modules

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Purpose** | **Documentation** | **Guides** |
| **bautifulsoup4** | Extract content from HTML. | [Link](https://beautiful-soup-4.readthedocs.io/en/latest/) | [General](https://stackabuse.com/guide-to-parsing-html-with-beautifulsoup-in-python/)  [Scraping List from HTML](https://www.geeksforgeeks.org/beautifulsoup-scraping-list-from-html/) |
| **NLTK** | Natural language processing | [Link](https://www.nltk.org/) | [General](https://www.tutorialspoint.com/natural_language_toolkit/natural_language_toolkit_quick_guide.htm) |
| **sumy** | Summarizing text | [Link](https://github.com/miso-belica/sumy) |  |
| **spaCy** | Natural language processing | [Link](https://spacy.io/) | [General](https://spacy.io/usage/spacy-101) |

# Other Literature

UNDESA (2022). *SDG Indicators Database*. <https://unstats.un.org/sdgs/dataportal/database>

United Nations (2020). *Berkeley Protocol on Digital Open Source Investigations: A Practical Guide on the Effective use of Digital Open Source Information in Investigating Violations of international Criminal, Human Rights and Humanitarian Law.* New York and Geneva. <https://www.ohchr.org/Documents/Publications/OHCHR_BerkeleyProtocol.pdf>

United Nations (2017). *Global Indicator Framework for the Sustainable Development Goals and Targets of the 2030 Agenda for Sustainable Development.* A/RES/71/313. <https://unstats.un.org/sdgs/indicators/Global%20Indicator%20Framework%20after%202021%20refinement_Eng.pdf>