



Data Journalism Training in Egypt

Dates: 18-19 December
Location: Cairo- Egypt
Main trainer: Bahia Halawi

Table of Contents

[Day 1](#)

[Day 2](#)

[List of Tools](#)

Day one:

Intro to Open Data and Data Journalism + a walkthrough for finding data and scraping it
Friday, 18th of December

Time	Session	Objectives
10:00-10:15	Assessment+ ice breaker	Get to know the level of participants
10:15– 11.45	Intro to Open Data and Data Journalism	-Intro to DDJ -Use Cases and data stories
11:45 - 12:00	Coffee break	
12:00-13:15	How to find data	-What is data -How to find it? -list of useful links and techniques
13.15 - 14.00	Lunch	
14.00 - 15.15	Introduction to scraping	How to extract data hidden in unstructured documents like web pages
15.15- 15:30	Coffee Break	
15:30 - 16:45	More Scraping	Extracting data from PDFs and make it useable for further processing.
16:45-17:00	Questions session	
17:30	End of Day one	

Two:
Cleaning Data and building Data Visualizations

Saturday 19th of December

Time	Session	Objectives
10:00-10:15	Revision session	Re-iterate over day1 material
10:15- 11.45	Data Cleaning	Using Google refine
11:45 - 12:00	Coffee break	
12:00-13:15	Data Wrapper Exercise	Building a visualization from scratch
13.15 - 14.00	Lunch	
14.00 - 15.15	Infographics session	Building an infographic
15.15- 15:30	Coffee Break	
15:30 - 16:45	Analyzing Data from a social media platform	Creating a visualization and analyzing it
16:45-17:15	Recap session	
17.30	End of Day one	

List of applications to be used:

- Tabula: <http://tabula.nerdpower.org/> (needs java)
- Google Docs: <https://drive.google.com/> (participants to have Gmail accounts)
- Data Wrapper: <http://datawrapper.de/>
- Chrome Scraper Extension: <https://chrome.google.com/webstore/detail/scraper/mbigbapnjcgaffohmbkdlecacpepngjd>.
- Open Refine: <http://openrefine.org/>
- Gephi: <https://gephi.github.io/>