Workbench data

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The two paths for conducting data journalism

- Based on individual tools (menu driven) – no code skills are necessary.
  - Microsoft Excel, Google Spreadsheet, Tableau, Infogram, Piktochart, DataWrapper, etc.
- Based exclusively on coding (Python, R)
  - Jupiter notebook, Google Colaboratory, etc.

And the intermediate solution

- Workbench Data.
- Combines features from both approaches.
- It can be employed by journalists with no coding skills and with coding skills.
- It is free.
- It supports group work (share files).
- It supports all data journalism stages (to some degree).

Workbench

My workflows

Create Workflow

Title	Updated ⇲↓	Privacy	
Δοκιμαστική συλλογή Tweets	6h ago	private	⋮
Δοκιμές γραφημάτων	8h ago	public	⋮
Παράδειγμα συλλογής Tweets	10d ago	private	⋮
Workbench_visualization_reactors	26d ago	private	⋮
word cloud	30d ago	public	⋮
Άσκηση workbench 2	32d ago	private	⋮
Άσκηση Workbench 1	33d ago	private	⋮
Copy of Άσκηση workbench 2	47d ago	private	⋮
Untitled Workflow	59d ago	private	

https://app.workbenchdata.com/workflows/139296

How we are working in Workbench Data

- Creation of Workflows.

- Each Workflow is comprised of a number of steps.

- Every step is usually a certain action (for example apply a filter or delete/move a column).

- Ability to see the data in every step of the workflow.

- Understanding of the process (all steps are visible, not just the end result).
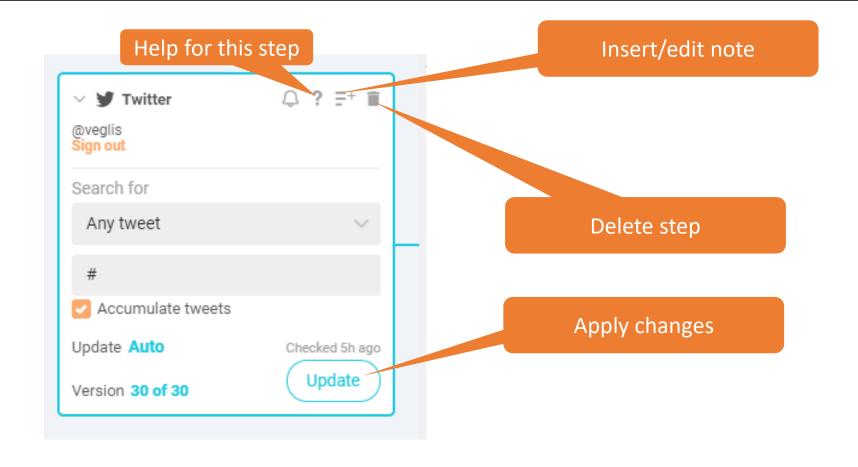
- Ability to move/edit/delete steps.

- Ability to directly replicate the workflow with different data set (which has the same organization).

Step features

Workbench Data characteristics

Large number of Available steps (45).

Accepts data from file (CSV, XLSX, JSON).
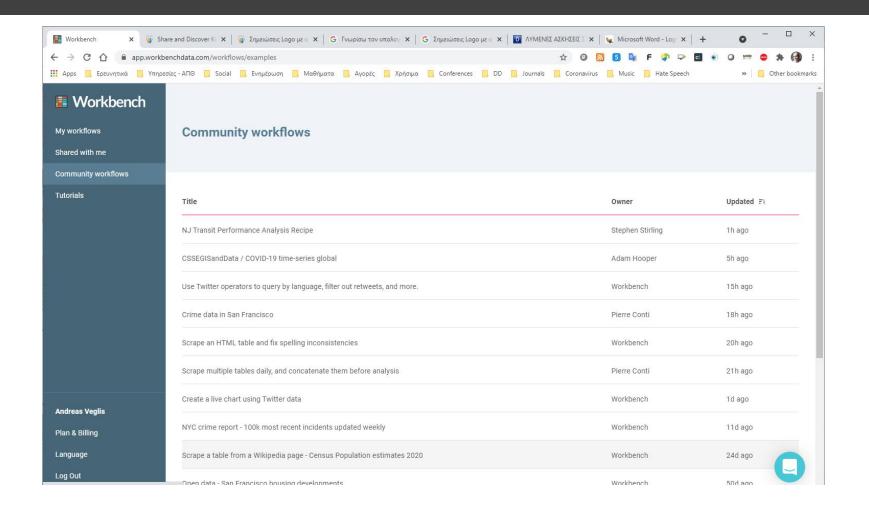
Able to perform Scraping.

Able to link to Twitter and harvest tweets.
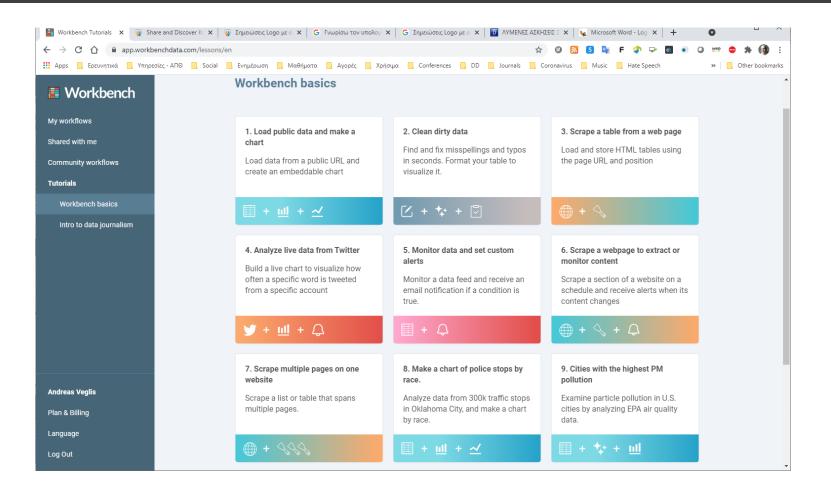
Specialized steps for cleaning data.

Able to create basic visualizations.
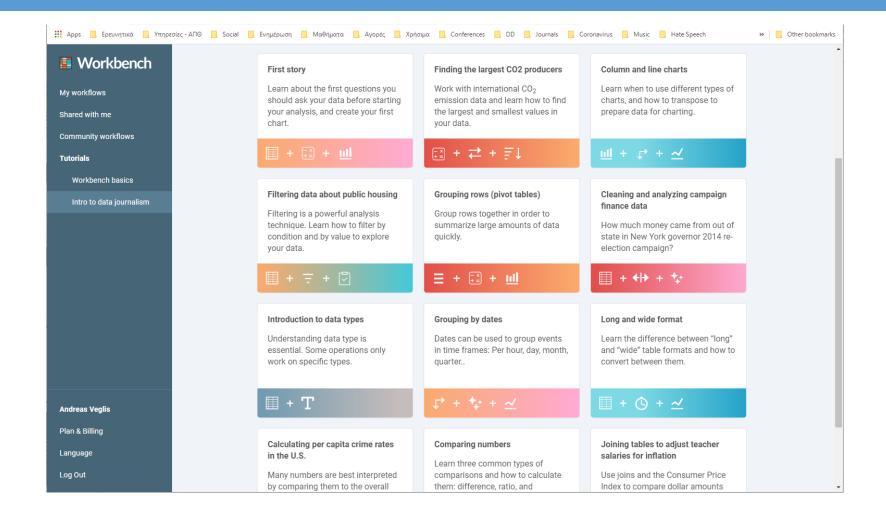
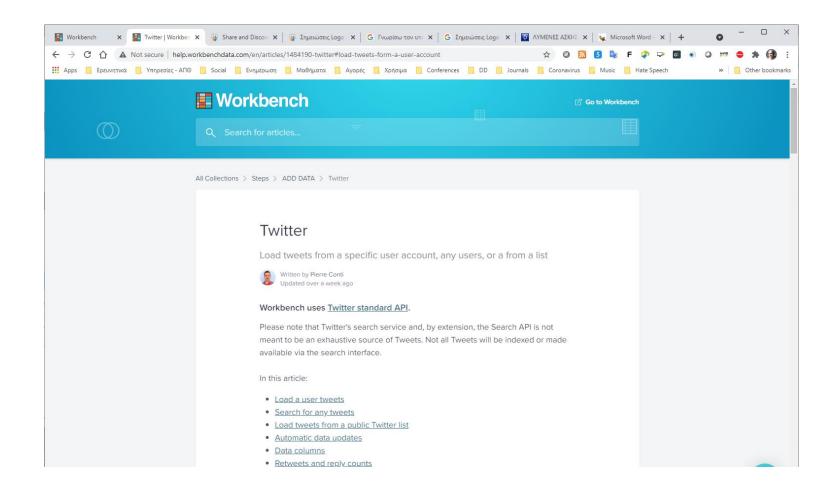Custom steps (accepts Python code).

Workflows created by other users

Tutorials – Workbench basics

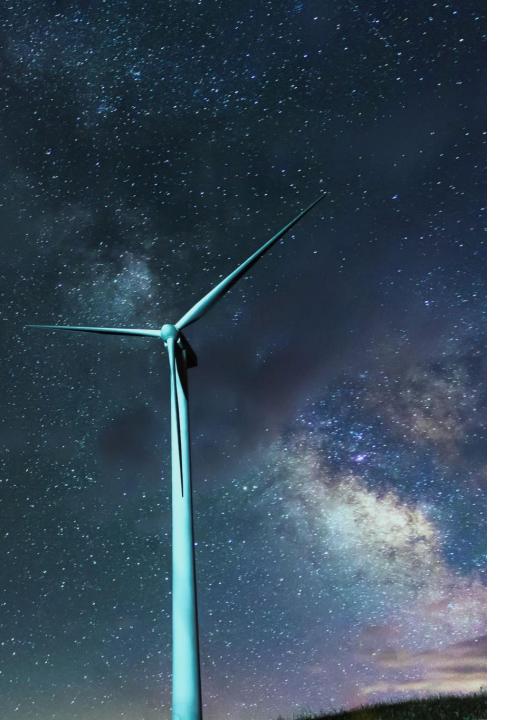# Intro to Data Journalism

Help available for every step

Resources

- https://app.workbenchdata.com/
- https://source.opennews.org/articles/workbench-data-journalism-open-source-platform/

Thank you for your attention

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