

INSPIRATIONAL WOMEN

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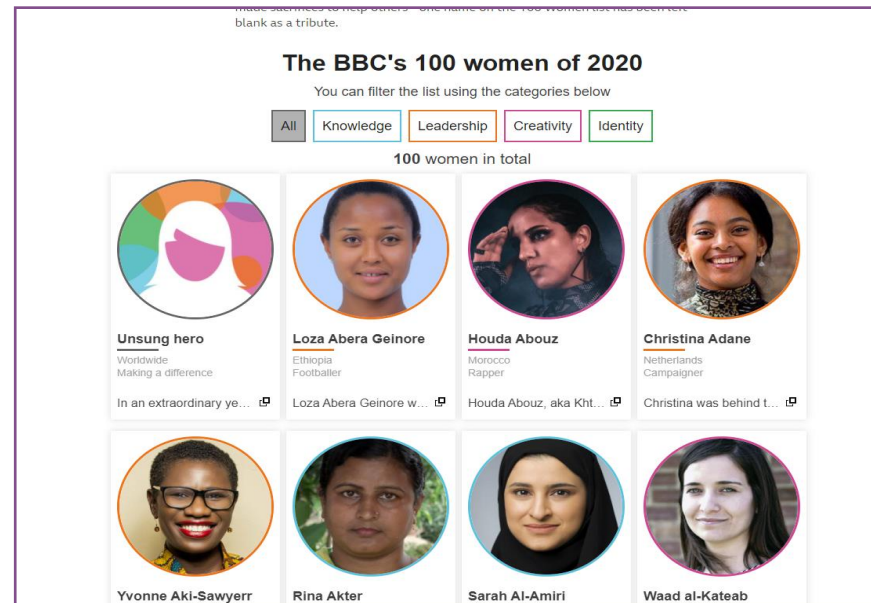
Cesar Serrano

Yeonjae Riyoona

OUR DATA

BBC DATA

<https://www.bbc.com/news/world-55042935>



WORLD ATHLETICS

<https://www.worldathletics.org/records/by-category/world-records>

Men Outdoor		Men Indoor		Women Outdoor		Women Indoor		Mixed Outdoor
Discipline	Progression	Perf	Wind	Competitor	DOB	Country	Venue	Date
100 Metres	↑	10.49	0.0	Florence GRIFFITH-JOYNER	21 DEC 1959	USA	Indianapolis, IN (USA)	16 JUL 1988
200 Metres	↑	21.34	+1.3	Florence GRIFFITH-JOYNER	21 DEC 1959	USA	Olympic Stadium, Jamsil, Seoul (KOR)	29 SEP 1988
400 Metres	↑	47.60		Marita KOCH	18 FEB 1957	GDR	Bruce Stadium, Canberra (AUS)	06 OCT 1985
800 Metres	↑	1:53.28		Jarmila KRATOCHVÍLOVÁ	26 JAN 1951	TCH	München (GER)	26 JUL 1983
1000 Metres	↑	2:28.98		Svetlana MASTERKOVA	17 JAN 1968	RUS	Bruxelles (BEL)	23 AUG 1996

GETTING THE DATA!

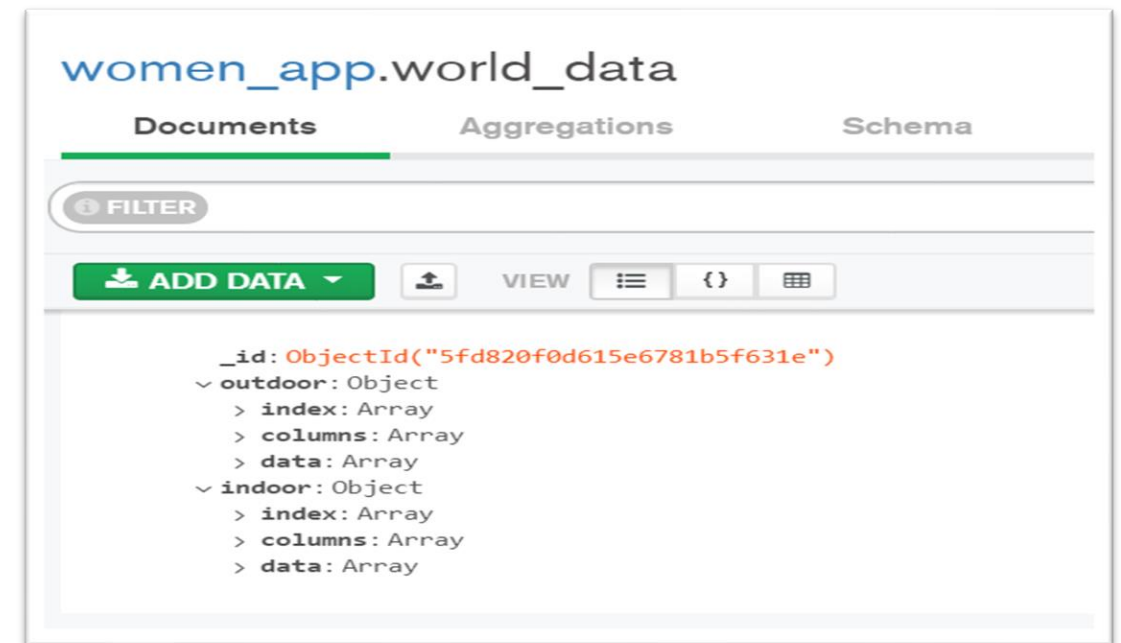
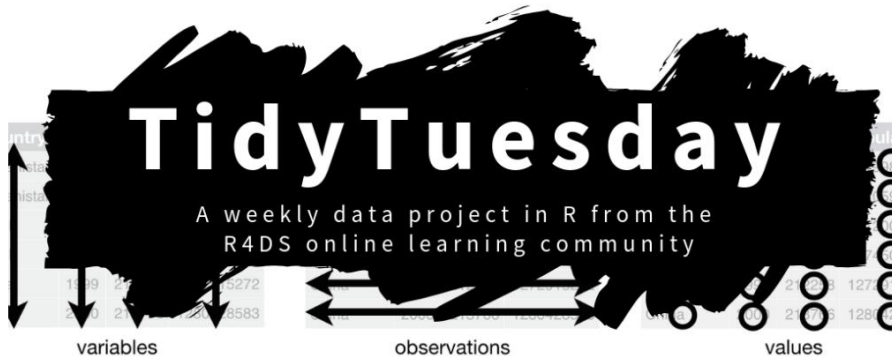
BBC DATA

Read the data from a CSV file

<https://github.com/rfordatascience/tidytuesday>

WORLD ATHLETICS

Website scrapping and MongoDB database creation



TOOLS USED

- Python: web scraping and Flask app (pandas, json, beautiful soup, OTHERS)
- MongoDB: non-relational database creation
- General website: HTML, CSS, D3, JavaScript, bootstrap
- Pie chart: c3.min.js, papaparse.min.js
- Map: Leaflet
- Word cloud: AM Chart – JavaScript library





LET'S TAKE A LOOK!