

Sporadic Retail Inflation

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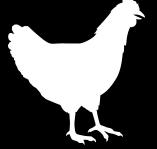


^{*} To avoid confusion & speculation, the surnames are not a coincidence: Emma is Andrew's daughter.



Current retail pricing data.

Historical retail pricing data.



So we gathered some data.

^{*} Actually we built a web scraping framework to systematically gather those data.

And wrapped it in an API.



```
"product id": 531589,
"time": "2020-02-22T01:00:32+00:00",
"price": 55,
"price promotion": null,
"available": null
"product id": 531589,
"time": "2020-02-15T01:00:02+00:00",
"price": 55,
"price promotion": 45,
"available": null
"product id": 531589,
"time": "2020-02-08T00:43:46+00:00",
"price": 51.99,
"price promotion": 45,
"available": null
```





R version 3.6.0 (2019-04-26) -- "Planting of a Tree"

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Platform: x86 64-pc-linux-gnu (64-bit)

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Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or 'help.start()' for an HTML browser interface to help. Type 'q()' to quit R.

> remotes::install_github("datawookie/retail")
> library(retail)



```
> retailer()
```

A tibble: 63 x 4

11 4	11 CIDDIC. US A 4			
	id	name	url	currency
	<int></int>	<chr></chr>	<chr></chr>	<chr></chr>
1	1	EEM Technologies	https://www.eemtechnologies.com/	USD
2	2	Clicks	https://clicks.co.za/	ZAR
3	3	Dischem	https://www.dischem.co.za/	ZAR
4	4	Game	https://www.game.co.za/	ZAR
5	5	Woolworths	https://www.woolworths.co.za/	ZAR
6	6	Fortnum & Mason	https://www.fortnumandmason.com/	GBP
7	7	John Lewis	https://www.johnlewis.com/	GBP
8	8	Marks & Spencer	https://www.marksandspencer.com/	GBP
9	9	Pick 'n Pay	https://www.pnp.co.za/	ZAR
10	10	Makro	https://www.makro.co.za/	ZAR
#	with	53 more rows		



> retailer_products(5)

A tibble: 24,514 x 4

" -	11 0100101 11/011 11 1				
	id	name	brand	sku	
	<int></int>	<chr></chr>	<chr></chr>	<chr></chr>	
1	<u>611</u> 983	Pattern Cotton Boxers 2 Pack	(&US)	6009214703176	
2	<u>611</u> 990	Nautical Cotton Shirt	(&US)	6009214476001	
3	<u>611</u> 997	COUNTRY ROAD Spliced T-Shirt	Country Road	9340243972506	
4	<u>612</u> 000	Restlessness Flatbill Cap	(&US)	6009214695327	
5	<u>612</u> 041	Adjustable Camo Woven Cargo Shorts	(&US)	6009214749846	
6	<u>612</u> 047	Cage Leather Sandals (Size 4-13) Younger Boy	Walkmates	6009214643793	
7	<u>612</u> 270	COUNTRY ROAD Pull On Short	Country Road	9324268753876	
8	<u>612</u> 395	Grey Drawstring Denim Shorts	(&US)	6009214443881	
9	<u>613</u> 256	Striped Cotton Rich Trunks 3 Pack	(&US)	6009214351247	
10	<u>613</u> 866	Stripe Cotton Rich Socks 5 Pack	(&US)	6009211149021	
# with 24,504 more rows					



> product (531589)

A tibble: 1 x 4

id	name	sku	barcodes
<int></int>	<chr></chr>	<chr></chr>	<chr></chr>

1 <u>531</u>589 Nederburg Lyric 750ml 00000000000230428_EA 6001452314503

> product prices(531589)

A tibble: 4 x 4

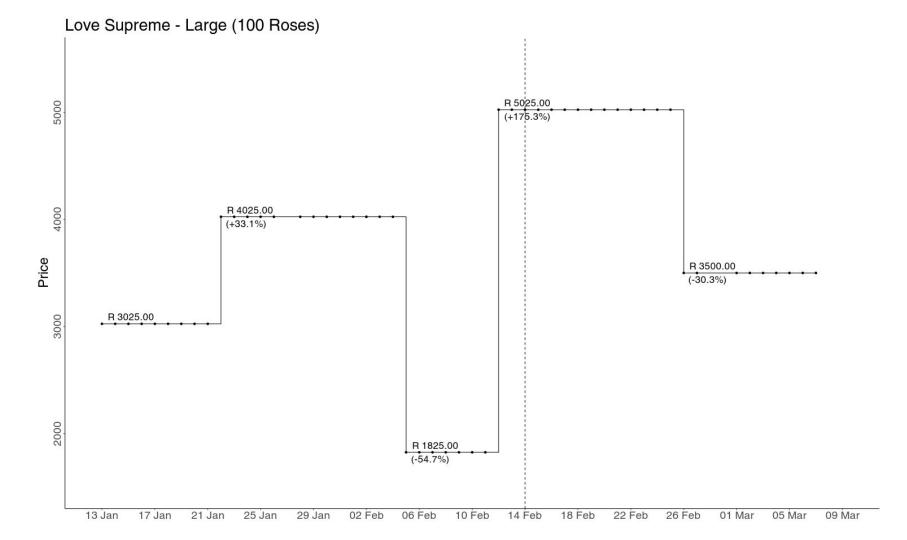
	<pre>product_id</pre>	time	price	price_	<u>promotion</u>
	<int></int>	<chr></chr>	<db1></db1>		<db1></db1>
1	<u>531</u> 589	2020-02-22T01:00:32+00:00	55.0		NA
2	<u>531</u> 589	2020-02-15T01:00:02+00:00	55.0		45
3	<u>531</u> 589	2020-02-08T00:43:46+00:00	52.0		45
4	<u>531</u> 589	2020-02-01T00:57:02+00:00	52.0		45

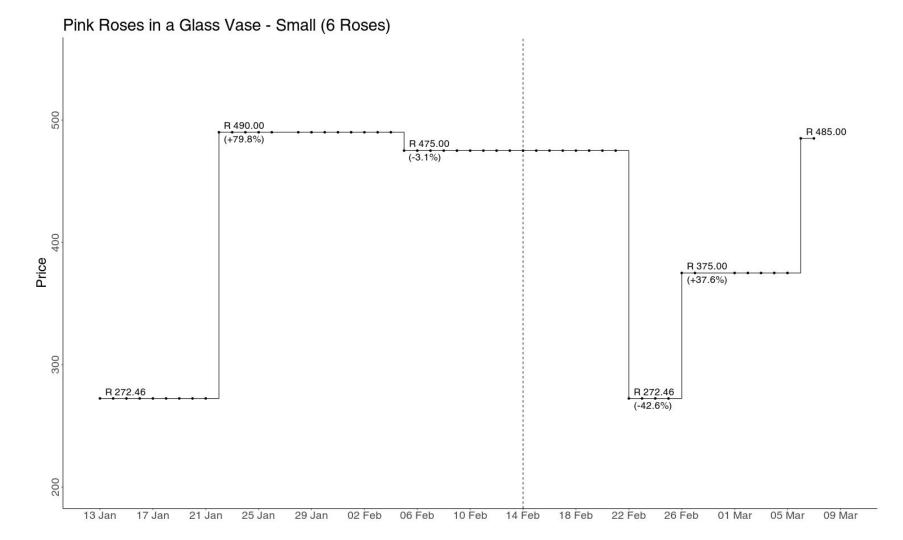




Want to get screwed? Buy roses.



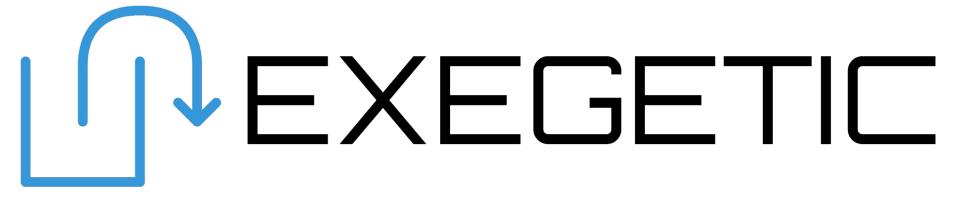






Don't want to get screwed? Buy beer.

6 Craft Beers & Snacks 700 Roses 6 Craft Beers & Snacks R399.90 Craft Beer Crate & Snacks This gift hamper is made up of the following beers and snack 009 in a locally manufactured, custom made wooden crate: 6 Local Craft Beers Giant Salted Nuts (100g) Beef Biltong (100g) · Beef Droe Wors (100g) Beer 300 13 Jan 17 Jan 21 Jan 25 Jan 29 Jan 02 Feb 06 Feb 10 Feb 14 Feb 18 Feb 22 Feb 26 Feb 01 Mar 05 Mar 09 Mar





helping you not get

screwed

on



Valentine's Day

Get in touch if you're interested in retail price data!



Homepage: https://datawookie.github.io/trundler/

GitHub: https://github.com/datawookie/trundler/

Website: https://www.trundler.dev/

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