



# **Vezeeta.com** **Stock** **Analysis**

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Scraping, Transforming, and Analyzing

# Inventory Overview

- 39.7% Of the items are out of stock (11,876)
- 10.3% have limited stocks
- 50% of items are in stock

**31,110**

Total Items

**12**

Categories

**110 EGP**

Average price

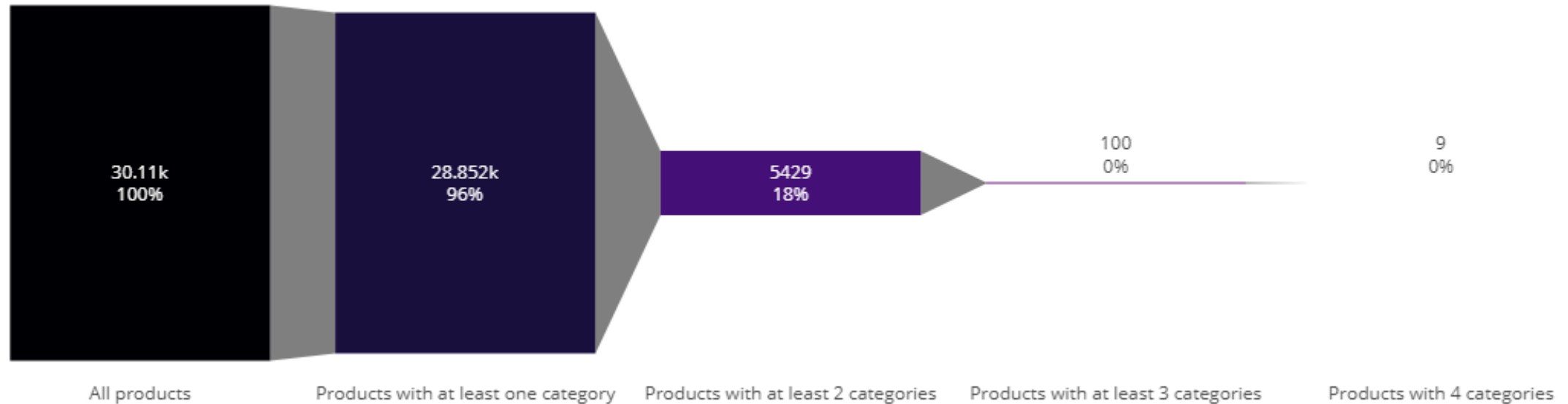
**18,234**

Available items

# Items Categorization

Items have a main category and can also be added to other categories (currently a maximum of 4).

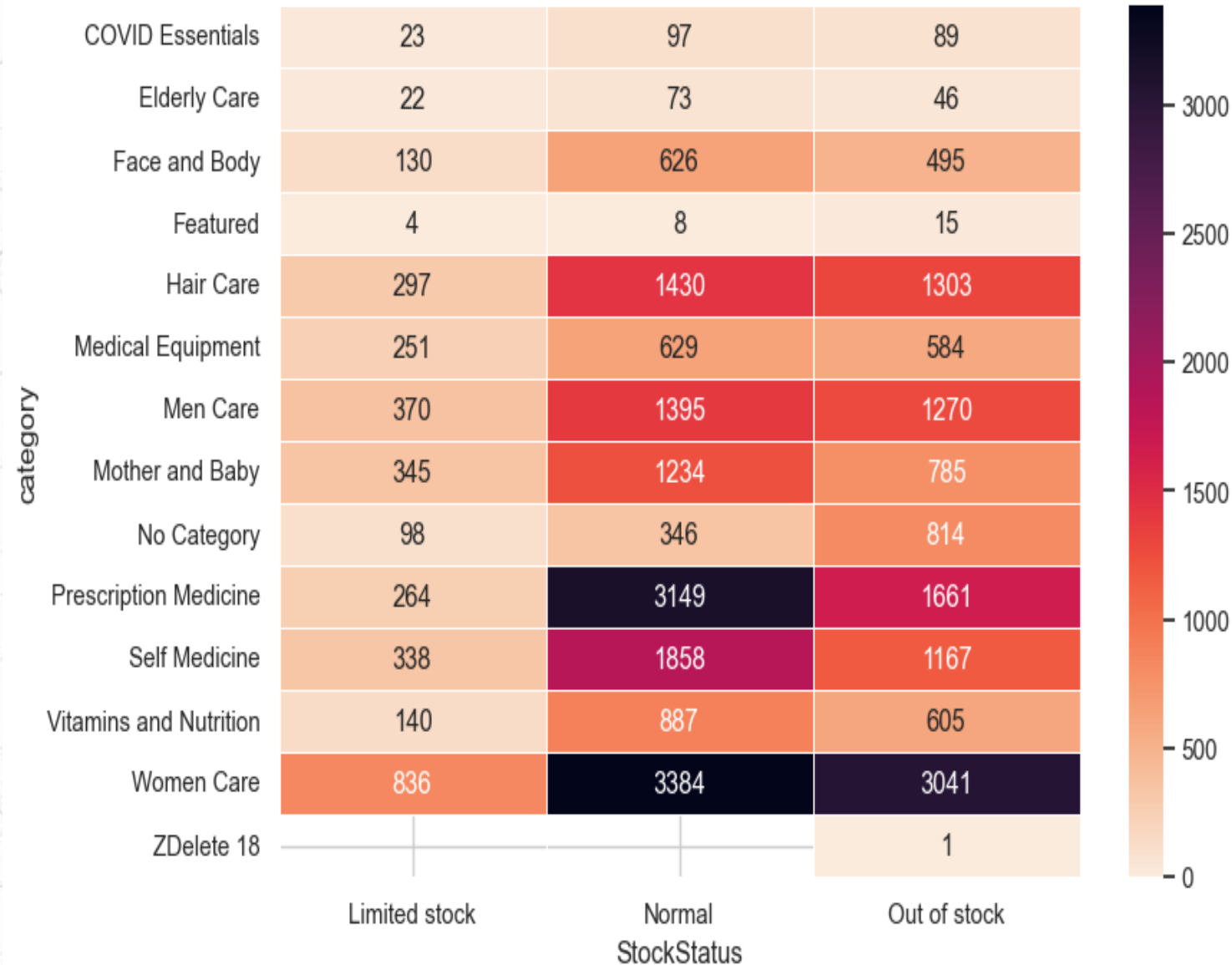
- Items without a category: 1,258
- Categorized items: 28,852
- Items added to two or more categories: 5,429



# Items Categorization

Women Care (3,384) and Prescription Medicine (3,149) have the most normally available items.

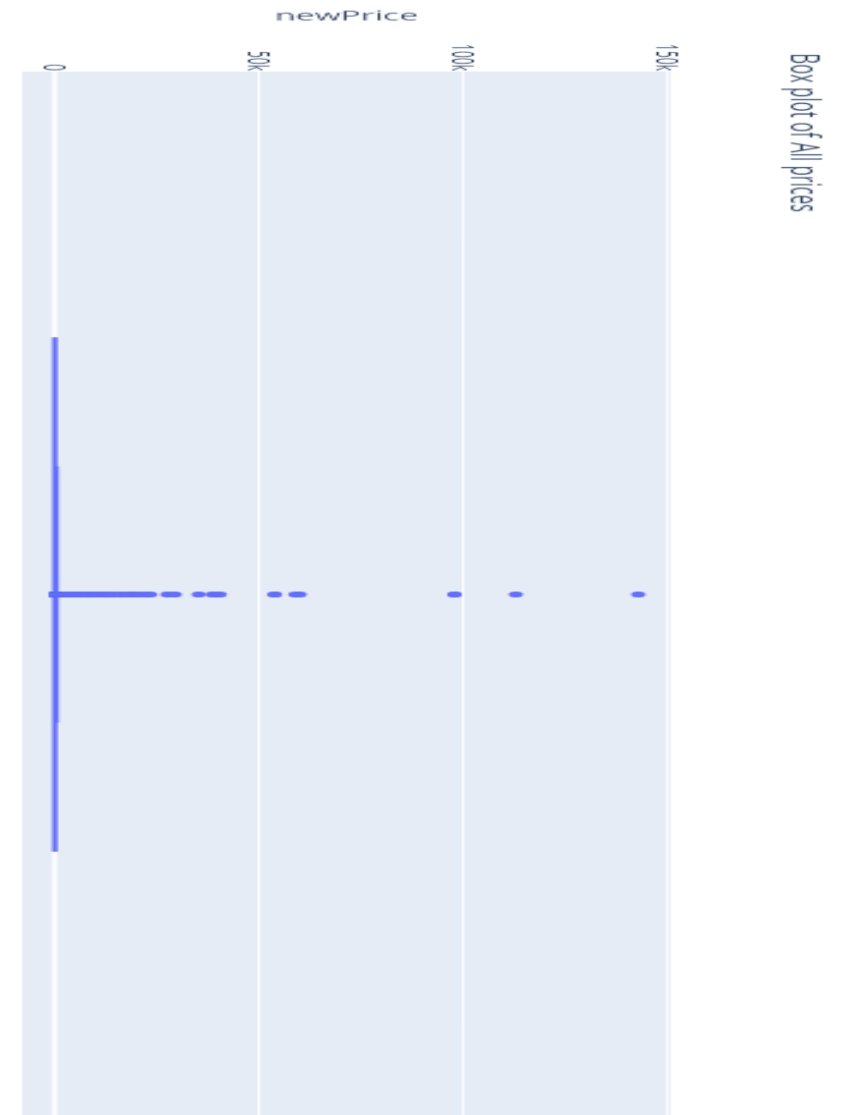
Face and Body (2,439) and Men Care (1,163) are the categories that have the most items from other categories.





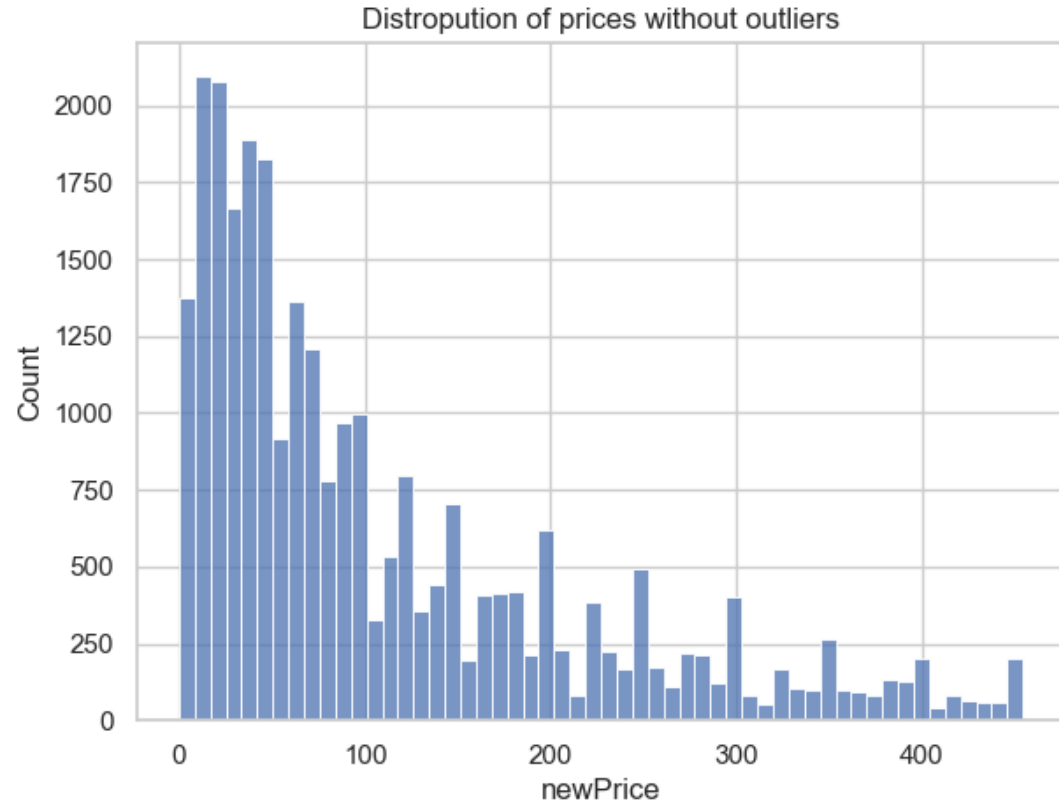
# Prices Analysis

- Prices have outliers affecting the overall price statistics.
- The maximum price (142,856 EGP) skews the average price to 277 EGP, while the mean without outliers is 111 EGP.
- Face and Body (2,439) and Men Care (1,163) are the categories with the most items from other categories.



# Prices Analysis

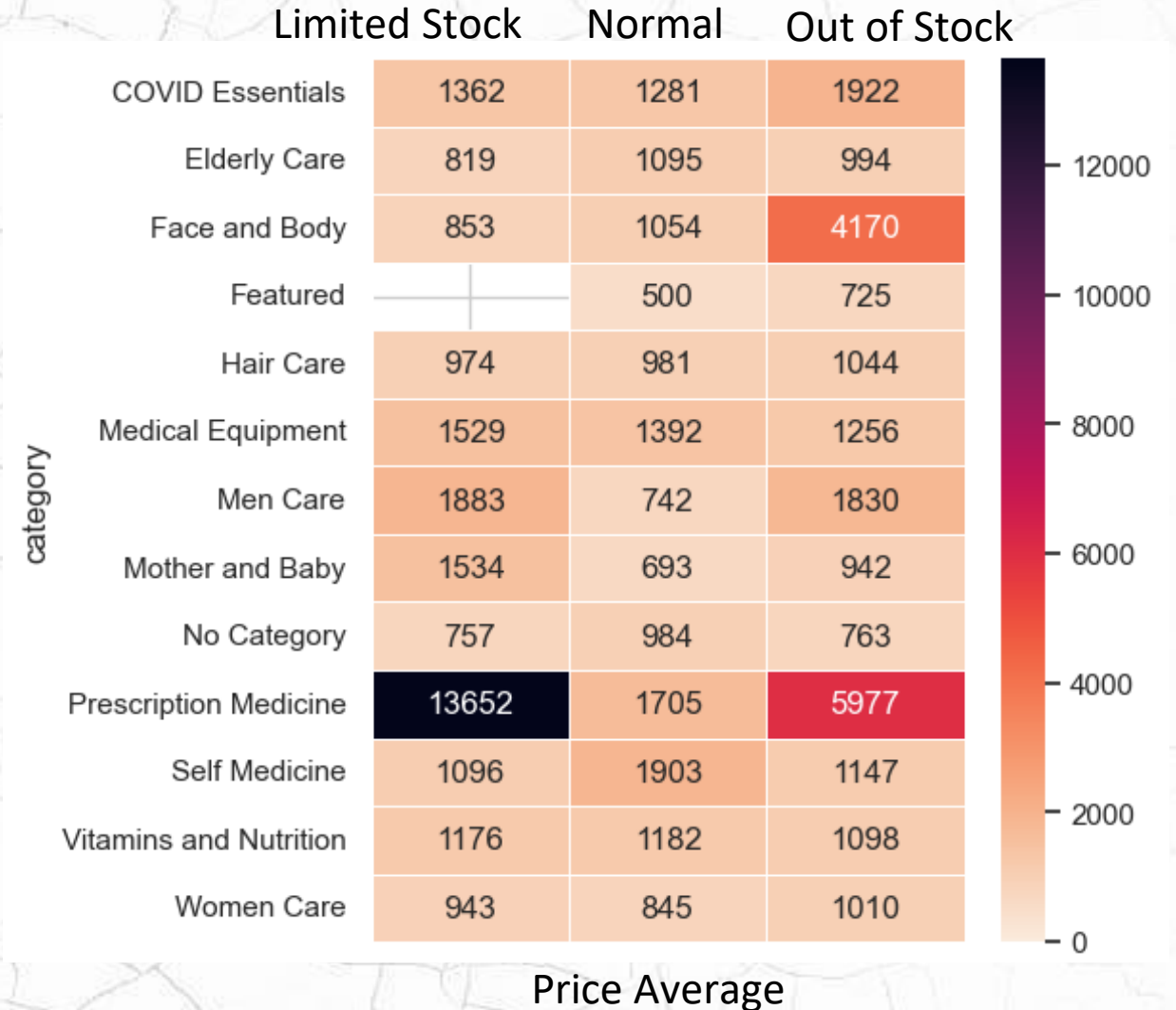
Notice the large spread of outliers. Without outliers, 75% of the prices are under 160 EGP.



# Prices Trend

The graph shows the average prices for outliers.

- Notice that outliers are more prevalent in Limited Stock and Out of Stock items.



# Active Ingredients

- The table shows the top 10 active ingredients in the items.
- Unique English active ingredients: 1,899
- Items with at least one active ingredient: 7,235
- Unique Arabic active ingredients: 1,121 (mostly translations of English ingredients)
- Overall, the active ingredients are not well formatted and need more work.

name	Count
Vitamin C (Ascorbic Acid)	278
Vitamin E (Tocopherol)	215
Panthenol	137
Vitamin B6 (Pyridoxine)	130
Zinc	125
Vitamin D3 (Cholecalciferol)	121
Paracetamol (Acetaminophen)	120
Hydrochlorothiazide	116
Vitamin B12 (Cyanocobalamin)	115
Menthol	111



# Items Shapes

The table shows the top 10 item shapes by average price count.

- Box is the most common shape with a relatively low average price.
- Vial has the highest average price among the shapes.

Shape	Count	Average price
Vial	88	4499.54
Prefilled syringe	14	2683.12
Device	349	932.37
Prefilled pen	10	597.60
Gallon	1	550.00
Suppository	2	545.00
Box	17407	312.40
Bottle Spray	913	311.03
Jar	964	276.87
Capsule	3	268.35

# Items Shapes

- The table shows the top 10 item shapes by average price, count, category, and stock status.
- The trend confirms that outlier items with higher prices are often in limited stock or out of stock.

Shape	category	Stock Status	count	Average price
Vial	Prescription Medicine	Limited stock	11	16,816.36
Prefilled syringe	Prescription Medicine	Limited stock	2	12,440.00
Vial	Prescription Medicine	Out of stock	18	10,052.35
Device	Face and Body	Out of stock	1	5,850.00
Box	Prescription Medicine	Limited stock	200	5,526.70
Device	Mother and Baby	Limited stock	4	4,296.25
Prefilled pen	Prescription Medicine	Limited stock	1	3,900.00
Device	Hair Care	Out of stock	3	3,010.67
Jar	COVID Essentials	Out of stock	1	2,435.00
Brush	Medical Equipment	Out of stock	1	2,300.00

- 50% of the items are out of stock or have limited stock.
- Available items tend to be cheaper.
- More than 5,000 items are added to multiple categories, which may be a strategy or an error.
- Active ingredients are not well formatted.
- The site lacks filtering options and there are issues with item images.

# Vezeeta.com Key Takeaways

Scraping , Transforming, Analyzing