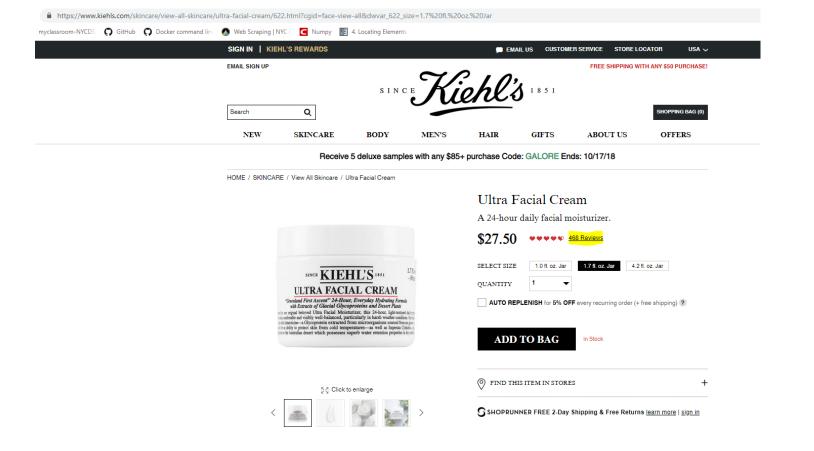
Project1:Web Scraping

- CHAORAN CHEN

About the website





SELECT SIZE 1.01. cs. Jer 1.71. cs. Jer 4.21. cs. Jer

AUTO REPLENISH for 5% OFF every recurring order (+ free shipping)

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SKINCARE









ADD TO BAG

Ultra Facial Cream A 24-hour daily facial moisturizer. \$27.50 **** 468 Nevterns





You're missing out! JOIN KIEHL'S REWARDS TODAY \$1 apent = 1 point LEARN MORE JOIN NOW

PRODUCT DETAILS

This filehi's classic face cream offers continuous moisture regienishment for skin throughout the day. This mourishing moisturizer for dry skin leaves skin feeling comfortable even in extreme weather conditions.

- Regionishes skin hydration by drawing and absorbing moisture from the a
- Legies skin smooth, soft and healthy-looking
- Formulated with Squalane, Glacial Glycogratein Extract and Impensia Cylindrics
- #1 Kight's moduct

Heritage Highlight
Revi's was honored to lend suggest and skincare groducts to the heroic team of
the 'Greenland' Bris Ascent' expedition. The absenciones completed the first-lever
sacent of Greenland's lev-covered green on May 30, 2005.

How to Apply Litra Pacial Cream

- After cleanaing and toning, apply a dime-sloed amount to your fingeriga
 Massage onto face in a discular motion
- Apply day or stinight or as needed, in the daytime add SPF profestion with <u>Ultra</u> <u>Sacial Onesm SPF 30</u>

 Each Onesm SPF 30

 Explore the rest of our <u>Ultra Fadel Collection</u> including our <u>gentle cleanase</u>, <u>mild facial toner</u> and <u>hydrating face means</u>
 - How to Use Litra Facial Crean



KEY INGREDIENTS

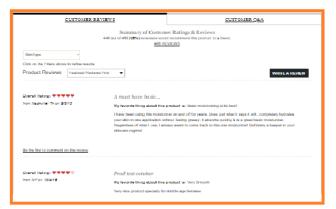
Anterdictive, sourced from Anterdice, it is Glycoprotein known to moistures dry stin. With cryoprotective (protection against freezing) properties, Anterdictive is known to help defend and hydrate skin; in suthermally cold temperatures by facilitating the relations of returnal



Impensia. Cylindrica's roots contain high concentrations of polassium which is known to provide immediate and lasting hydration for dry skin. Native to many of Sarth's dessets, this plant is especially profile.



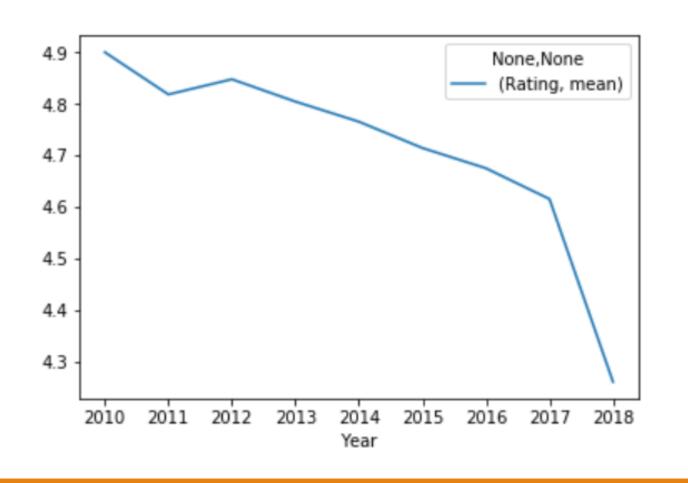
See Full List



Web Scraping with selenium

	Rating	User_Location	Publish_Date	Subject	Cons	Text	Month	Year
444	5	Pensacola, FL	2010-09-04	Calms the Redness	NaN	I have very sensitive skin. I don't like fragr	9	2010
443	5	NaN	2010-09-19	great for sensitive skin	NaN	I'm 38 and have always had trouble finding a f	9	2010
441	5	New York, NY	2010-10-12	Great Moisturizer	NaN	I have normal to dry skin and I like to use th	10	2010
436	5	LA,CA	2010-10-12	The only great mousturizer for sensitive skin!	NaN	This is the only mousturizer I can use on a re	10	2010
437	5	DC Meto area	2010-10-12	The Go To Facial Cream	NaN	I have a T-zone complexion and use the oil-fre	10	2010
442	5	NaN	2010-10-12	My skin has never looked better!	NaN	Seriously, my skin has NEVER looked better. I \dots	10	2010
439	5	Alabama	2010-10-12	Surprise, I can put a cream on my face!	NaN	It is so thick and creamy, but I can still put	10	2010
438	5	Alpharetta, GA	2010-10-12	Great facial cream!	NaN	I love this facial/neck cream. I use it AM and	10	2010
440	5	Boston, MA	2010-10-12	Great product	NaN	This facial cream is the best. Doesn't feel to	10	2010
435	5	China, Shanghai	2010-10-13	It's good to my skin	NaN	I loved this product. It makes my skin comfort	10	2010
434	5	Madrid	2010-10-13	Creamy	NaN	Because my skin profile I really need a creamy	10	2010
433	5	Wallkill, NY	2010-10-13	Love it for dry skin days	NaN	I have very dry skin during the winter months	10	2010
432	5	Cincinnati	2010-10-14	THE BEST!!!!!	NaN	I use ultra facial cream just before I go to b	10	2010

Rating Trend

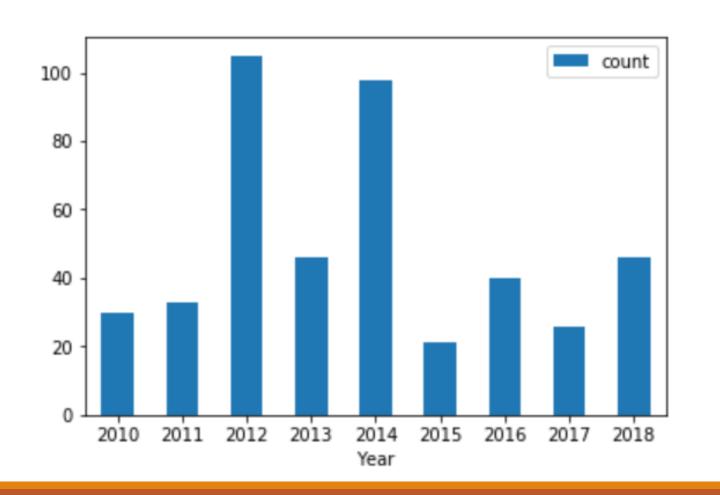


Rating

mean

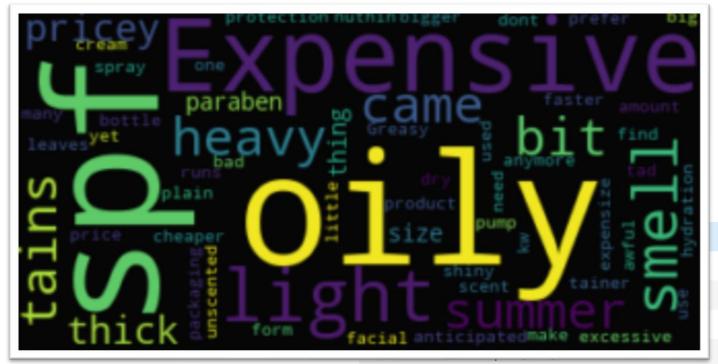
Year		
2010	4.900000	
2011	4.818182	
2012	4.847619	
2013	4.804348	
2014	4.765306	
2015	4.714286	
2016	4.675000	
2017	4.615385	
2018	4.260870	

Rating count



Year count Year

Frequent words from "cons"



10

Portland, ME, USA

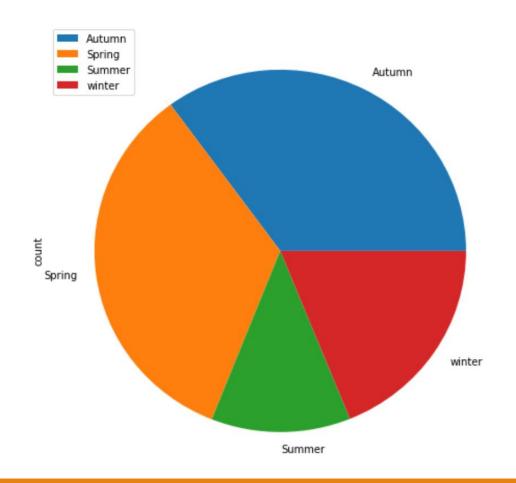
Chicago, IL, USA

2018-07-18

2018-07-20

wish it was cheaper	Best Moisturizer ever for sensitive skin
NaN	Standard
NaN	Kiehl's Has Better Products
NaN	Great Moisturizer!
NaN	ITS NOT FOR ALL TYPES SKIN!!!!
NaN	Swear by this
NaN	This Cream is Wonderful!
Expensive	No Regrets

Rating impacted by seasons



	Rating			
	mean	count		
season				
Autumn	4.839744	156		
Spring	4.695364	151		
Summer	4.703704	54		
winter	4.607143	84		

To be continued

- Multiple products comparison
- Rating from different locations customers

• • •

Thank you!