CUSTOMER REVIEW ANALYTICS

Aim & Deliverables

Understand the sentiment of user reviews and provide useful information for the end-user as well as the product manufacturer regarding public opinion of the product.

Deliverables for the Phase:

- List of categories.
- List of products from each category.
- Crawled reviews of the same from flipkart.

Crawler - Categories

SentiTool - Categories

Product Name	Number of products	Crawled Date	
All Categories	. 429	April 1, 2016, 10:38 a.m.	Re-craw
Clothing	2	April 1, 2016, 10:38 a.m.	Re-craw
Footwear	0	April 1, 2016, 10:38 a.m.	Re-craw
Mobiles & Accessories	1	April 1, 2016, 10:38 a.m.	Re-craw
Computers	0	April 1, 2016, 10:38 a.m.	Re-craw
Watches, Bags & Wallets	60	April 1, 2016, 10:38 a.m.	Re-craw
Cameras & Accessories	1253	April 1, 2016, 10:38 a.m.	Re-craw
Books, Pens & Stationery	1512	April 1, 2016, 10:38 a.m.	Re-craw
Llama 9 Vitaban	0	April 1 2016 10:29 a m	-

Crawler - Categories

Features:

- List of categories crawled.
- Number of products crawled in each category.
- Date when last crawled.
- Option to recrawl (refresh the data).

Crawler - Products

SentiTool - Products

Camera and Accessories

Product Name	Number of products	Crawled Date	
likon DSLR D5200 (Body with AF-S DX NIKKOR 18-55 mm F/3.5-5.6G VR II Lens) DSLR Camera (Black)	130	April 1, 2016, 1:01 p.m.	Re-crawl
Canon EOS 700D with (EF S18 - 55 mm IS II and EF S55 - 250 mm IS II) DSLR Camera (Black)	48	April 1, 2016, 1:01 p.m.	Re-crawl
Nikon D3300 (Body with AF-S 18-55 mm VR II Kit Lens) DSLR Camera (Black)	□ 🔀	April 1, 2016, 1:01 p.m.	Re-crawl
Smart Signals Universal Clip Lens For Camera Lens (Black, Fisheye: 0.33X Wide Angle: 0.67X Macro: 10X)	0	April 1, 2016, 1:01 p.m.	Re-crawl
Suroskie 3 In 1 Universal Camera Kit Lens (Black, 15-23)	0	April 1, 2016, 1:01 p.m.	Re-crawl
SanDisk 8 GB SDHC Class 4 Memory Card	0	April 1, 2016, 1:01 p.m.	Re-crawl
H.P.D Selfie Stick Selfie Stick (Red, Supports Up to 500 g)	0	April 1, 2016, 1:01 p.m.	Re-crawl
Photron Universal 3 in 1 Cell Phone Camera Lens Kit Lens (Gold)	0	April 1, 2016,	Re-crawl

Crawler - Products

Features:

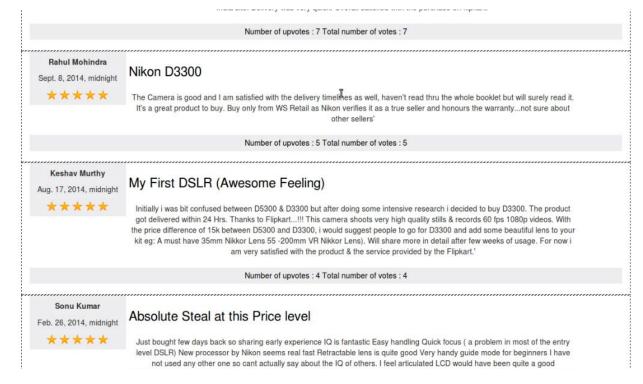
- List of products crawled for that category.
- Number of reviews crawled in each category.
- Date when last crawled.
- Option to recrawl (refresh the data).

Crawler - Reviews

Features:

Lists the following

- Review
- Author
- Date of review
- Number of votes
- Product Rating
- Review Rating



Tools Used

Language : Python (django framework)

Database : Sqlite3

Scaper used : beautifulsoup