

PROJECT 9

# CUSTOMER REVIEW ANALYTICS

**Team 2**

# 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.	<a href="#">Re-crawl</a>
Clothing	2	April 1, 2016, 10:38 a.m.	<a href="#">Re-crawl</a>
Footwear	0	April 1, 2016, 10:38 a.m.	<a href="#">Re-crawl</a>
Mobiles & Accessories	1	April 1, 2016, 10:38 a.m.	<a href="#">Re-crawl</a>
Computers	0	April 1, 2016, 10:38 a.m.	<a href="#">Re-crawl</a>
Watches, Bags & Wallets	60	April 1, 2016, 10:38 a.m.	<a href="#">Re-crawl</a>
Cameras & Accessories	1253	April 1, 2016, 10:38 a.m.	<a href="#">Re-crawl</a>
Books, Pens & Stationery	1512	April 1, 2016, 10:38 a.m.	<a href="#">Re-crawl</a>
Home & Kitchen	0	April 1, 2016, 10:38 a.m.	<a href="#">Re-crawl</a>

# 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	
Nikon 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.	<a href="#">Re-crawl</a>
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.	<a href="#">Re-crawl</a>
Nikon D3300 (Body with AF-S 18-55 mm VR II Kit Lens) DSLR Camera (Black)		April 1, 2016, 1:01 p.m.	<a href="#">Re-crawl</a>
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.	<a href="#">Re-crawl</a>
Suroskie 3 In 1 Universal Camera Kit Lens (Black, 15-23)	0	April 1, 2016, 1:01 p.m.	<a href="#">Re-crawl</a>
SanDisk 8 GB SDHC Class 4 Memory Card	0	April 1, 2016, 1:01 p.m.	<a href="#">Re-crawl</a>
H.P.D Selfie Stick Selfie Stick (Red, Supports Up to 500 g)	0	April 1, 2016, 1:01 p.m.	<a href="#">Re-crawl</a>
Photron Universal 3 in 1 Cell Phone Camera Lens Kit Lens (Gold)	0	April 1, 2016, 1:01 p.m.	<a href="#">Re-crawl</a>

# 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

Number of upvotes : 7 Total number of votes : 7	
<b>Rahul Mohindra</b> Sept. 8, 2014, midnight ★★★★★	<b>Nikon D3300</b>  The Camera is good and I am satisfied with the delivery timelines as well, haven't read thru the whole booklet but will surely read it. It's a great product to buy. Buy only from WS Retail as Nikon verifies it as a true seller and honours the warranty...not sure about other sellers'
Number of upvotes : 5 Total number of votes : 5	
<b>Keshav Murthy</b> Aug. 17, 2014, midnight ★★★★★	<b>My First DSLR (Awesome Feeling)</b>  Initially i was bit confused between D5300 & D3300 but after doing some intensive research i decided to buy D3300. The product got delivered within 24 Hrs. Thanks to Flipkart...!!! This camera shoots very high quality stills & records 60 fps 1080p videos. With the price difference of 15k between D5300 and D3300, i would suggest people to go for D3300 and add some beautiful lens to your kit eg: A must have 35mm Nikkor Lens 55 -200mm VR Nikkor Lens). Will share more in detail after few weeks of usage. For now i am very satisfied with the product & the service provided by the Flipkart.'
Number of upvotes : 4 Total number of votes : 4	
<b>Sonu Kumar</b> Feb. 26, 2014, midnight ★★★★★	<b>Absolute Steal at this Price level</b>  Just bought few days back so sharing early experience IQ is fantastic Easy handling Quick focus ( a problem in most of the entry level DSLR) New processor by Nikon seems real fast Retractable lens is quite good Very handy guide mode for beginners I have not used any other one so cant actually say about the IQ of others. I feel articulated LCD would have been quite a good

# Tools Used

Language : Python ( django framework )

Database : Sqlite3

Scaper used : beautifulsoup