## 1. Print the list of all products and their ratings

## Data Analytics

Regular Se	arch			
Select	Product Name:	All Products	*	
Select	Product Price:	0		<ul><li>● Equals</li><li>● Greater Than</li><li>● Less Than</li></ul>
Analyti	cs Result			
1				
Name:	MotoG2			
Price:	399			
Retaile Retaile Retaile Sale: Y User II User A User G User O Manufa Manufa Rating:	D: vedant ge: 23 dender: male deccupation: stude acturer: Moto acturer Rebate: Y	nt		

## 2. Print a list of reviews where rating greater than 3



Name: Sony001

Price: 399

Product Category: Laptop Retailer: Sony Retailer Zipcode: 60630 Retailer City: Alaska Retailer State: Arizona Sale: Yes User ID: vedant User Age: 23 User Gender: male User Occupation: student Manufacturer: Toshiba Manufacturer Rebate: Yes Rating: 4 Date: 10/15/2016

Review Text: Great

2. Get a list of products that got review rating 5 and price more than \$299

## Data Analytics

#### **Regular Search**

✓ Select	Product Name:	All Products •	
Select	Product Price:	299	<ul><li> Equals</li><li> ● Greater Than</li><li> Less Than</li></ul>

### 1

Price: 399

Name: MotoG2 Price: 399 **Product Category: SmartPhone** Retailer: MotoG Retailer Zipcode: 60616 Retailer City: Chicago Retailer State: Illinois Sale: Yes User ID: vedant User Age: 23 User Gender: male User Occupation: student Manufacturer: Moto Manufacturer Rebate: Yes Rating: 5 Date: 10/16/2016 Review Text: Very Nice Product ..!! 2 Name: Sony01

4. Print a list of how many reviews for every product



## Criteria: Group By: Products



5. Get the list of reviews for shoppers in Chicago



1

#### Name: Sony01

Price: 399

Product Category: Tablet Retailer: Sony Retailer Zipcode: 60616 Retailer City: chicago Retailer State: Illinois Sale: Yes User ID: vedant User Age: 23 User Gender: male User Occupation: student Manufacturer: Sony Manufacturer Rebate: Yes

Rating: 5

Date: 10/15/2016 Review Text: Nice

2

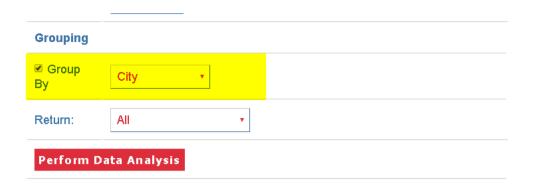
#### Name: OnePlus3

Price: 299

Product Category : SmartPhone Retailer: OnePlus

Retailer: OnePlus Retailer Zipcode: 60610

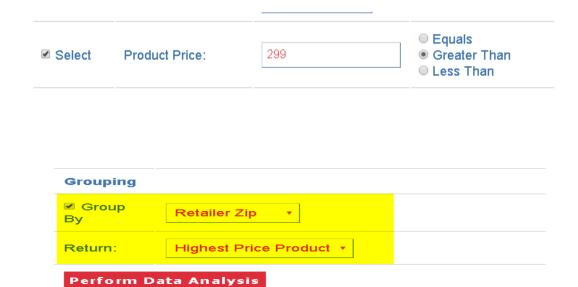
6. Find highest price product reviewed/sold in every city



## Criteria: Group By: City



7. Find highest price product reviewed/sold in every zip-code



# Criteria: Group By:retailerzip : Products With Highest Price

## retailerzip: 60609 Total Reviews Found: 1

Product Name: Sony01 Price: 399(MAX PRICE)

Rating: 1 Review: good

#### retailerzip: 60607 Total Reviews Found: 1

Product Name: MotoG2 Price: 399(MAX PRICE)

Rating: 1 Review: must

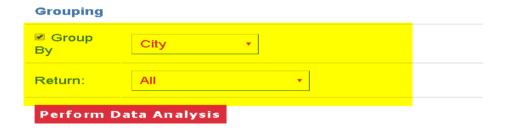
## 8. Get the top 5 list of liked products for every city



## Criteria:Group By:City: Top Five Products

Top 2 Reviews :
Top 3 Reviews :

## 9. Print a list of reviews grouped by City



City: Alaska	Reviews Found: 2
Product: Sony001 Rating: 4 Review: Great	
Product: SonyHawkEye Rating: 3 Review: bad	
City: Phoenix	Reviews Found: 1
Product: Sony01 Rating: 1 Review: good	

## 10. Print a list of reviews grouped by RetailerName

Grouping
Return: All ▼

#### Analytics Result

## Criteria: Group By: Retailer Name

Retailer Name: MotoG	Reviews Found: 4
Product: MotoG2 Rating: 5 Review: Very Nice Product!!	
Product: MotoG2 Rating: 2 Review: Goodd one	
Product: MotoG2 Rating: 1 Review: must	
Product: MotoG2 Rating: 2 Review: great one	

11. Get the total number of products reviewed and got Rating 5 in Every City



## Criteria: Group By : City

City: Chicago	Reviews Found: 1
Product: MotoG2 Rating: 5 Review: Very Nice Product!!	
City: chicago	Reviews Found: 1
Product: Sony01 Rating: 5 Review: Nice	

## 12. Print the median product prices per city



## Criteria:Group By:City: Median Price

3	
City: chicago	Median Price: 399
Product: OnePlus3 Rating: 3 Price: 299	
Product: Sony01 Rating: 5 Price: 399	
Product: MotoG2 Rating: 1 Price: 399	
2	
City: CHICAGO	Median Price : 349
Product: Samsung80	

Product: Samsung80 Rating: 4 Price: 299 13. Search reviews text for keywords (pattern-matching) and print the list of reviews that have the matched keywords. For example, print the list of reviews that have "good" keywords in the review text



1

Name: OnePlus3

Price: 299

Product Category: SmartPhone

Retailer: OnePlus

Retailer Zipcode: 60610 Retailer City: chicago Retailer State: ILLINOIS

Sale: Yes

User ID: vedant User Age: 23

User Gender: male

User Occupation: student Manufacturer: OnePlus Manufacturer Rebate: Yes

Rating: 3

Date: 10/15/2016
Review Text: good

2

Name: MotoG2

**Price: 399**