## 1.Top 3 products having max revenue?

| product_name | revenue |
| --- | --- |
| Hermanos Green Pepper | 922.54 |
| Just Right Rice Soup | 853.52 |
| Urban Small Eggs | 845.24 |

## 2. what are the top 3 profitable products?

| product_name | Profitable_product |
| --- | --- |
| Hermanos Green Pepper | 619.01 |
| Special Wheat Puffs | 512.64 |
| Imagine Waffles | 509.96 |

## 3. Top 3 customer who has spend maximum amount?

| first_name | last_name | Max |
| --- | --- | --- |
| Mary Francis | Benigar | 1078.69 |
| Wildon | Cameron | 980.96 |
| Ida | Rodriguez | 949.79 |

## 4. Top 3 stores with maximum profit?

| store_type | store_name | Max_profit |
| --- | --- | --- |
| Deluxe Supermarket | Store 13 | 52026.05 |
| Deluxe Supermarket | Store 17 | 44642.41 |
| Supermarket | Store 11 | 32874.22 |

## 5. customers who never purchased anything?

| customer_id | full_name |
| --- | --- |
| 1 | Sheri Nowmer |
| 2 | Derrick Whelply |
| 4 | Michael Spence |
| 7 | Rebecca Kanagaki |
| 8 | Kim Brunner |
| 9 | Brenda Blumberg |
| 11 | Jonathan Murraiin |
| 12 | Jewel Creek |
| 13 | Peggy Medina |
| 15 | Walter Cavestany |

## 6. Which products have been returned more than 10 times?

| product_name | most_return |
| --- | --- |
| Hermanos Red Pepper | 17 |
| Walrus Merlot Wine | 15 |
| Hermanos Oranges | 15 |
| Tell Tale Walnuts | 14 |
| Super Creamy Peanut Butter | 14 |
| Shady Lake Spaghetti | 14 |
| Monarch Rice Medly | 14 |
| Tell Tale Cauliflower | 14 |
| Blue Medal Egg Substitute | 13 |

7.What are the sales by age group (18-30, 31-50, >50)?

| | Age_group1 | Sales |
|---|---|---|
| ▶ | Old | 295431.62 |
| | Adult | 171127.49 |
| | Young | 98679.02 |

8. What is the total number of customers who made purchases in each region?

| | sales_region | total_customers |
|---|---|---|
| | North West | 2865 |
| | South West | 2420 |
| ▶ | Central West | 296 |

9. Identify the store with the highest quantity sold in each region?

| | region_id | sales_region | store_country | Quantity_sold |
|---|---|---|---|---|
| ▶ | 23 | North West | USA | 41580 |
| | 84 | North West | USA | 35257 |
| | 22 | North West | USA | 26079 |
| | 3 | South West | USA | 25663 |
| | 7 | South West | USA | 25635 |
| | 18 | North West | USA | 25011 |
| | 76 | North West | USA | 24576 |
| | 87 | North West | USA | 23591 |
| | 47 | South West | USA | 21333 |
| | 89 | North West | USA | 11491 |
| | 78 | North West | USA | 2237 |
| | 88 | North West | USA | 2203 |

10. Analyze sales of recyclable vs. non-recyclable products. Include the quantity sold and revenue generated for each category?

| | product_category | Total_sold | Revenue |
|---|---|---|---|
| ▶ | Non-Recyclable | 117042 | 243275.45 |
| | Recyclable | 149731 | 321962.68 |