

-- ZEPTO INVENTORY ANALYSIS SQL PROJECT:

-- Data Analysis: Business Questions

--Q1. Find the top 10 best value Products based on discount percent

	Name	Discount_Percent	Mrp
1	Dukes Waffy Chocolate Wafers	51	45
2	Dukes Waffy Orange Wafers	51	45
3	Dukes Waffy Strawberry Wafers	51	45
4	Chef's Basket Durum Wheat Elbow Pasta	50	160
5	Chef's Basket Durum Wheat Fusilli Pasta	50	160
6	Ceres Foods Fish Mustard Instant Liquid Masala	50	220
7	Ceres Foods Laal Maas Instant Liquid Masala	50	220
8	Ceres Foods Nalli Nihari Instant Liquid Masala	50	220
9	Chef's Basket Durum Wheat Penne Pasta	50	160
10	Chef's Basket Durum Wheat Elbow Pasta	50	160

--Q2. What are the Products with High MRP but Out of Stock

	NAME	Mrp
1	Borges Extra Light Olive Oil Bottle	2600
2	Pampers Pants - Large	1549
3	Praakritik Natural Desi Gir Cow A2 Ghee	1450
4	Click to select the whole row	1250
5	Saffola Gold (Jar)	1240
6	Dhara Health Refined Sun Flower Oil Jar	1200
7	Pampers Active Baby Diapers New Born Extra Small	1099
8	Pampers Premium Care Pants - Large	1099
9	Pampers Premium Care Pants - Medium	1099
10	Dhara Filtered Groundnut Oil (Jar)	1050

--Q3. Calculate the estimate Revenue for each category

	Category	Total_Revenue
1	Munchies	337369
2	Cooking Essentials	337369
3	Personal Care	270849
4	Paan Corner	270849
5	Packaged Food	224385

--Q4. Find all Products where Mrp is greater than 500 and discount is less than 10 %

	Name	Mrp	Discount_Percent
1	Dhara Kachi Ghani Mustard Oil Jar	1250	8
2	Saffola Gold (Jar)	1240	0
3	Dhara Filtered Groundnut Oil (Jar)	1050	1
4	Fortune Rice Bran Health Oil (Jar)	1050	1
5	Dhara Filtered Groundnut Oil (Jar)	1050	0
6	Fortune Soyabean Oil	1005	0
7	Fortune Sunlite Refined Sunflower (Jar)	925	0
8	Surf Excel Matic Powder Front Load	810	7
9	Surf Excel Matic Top Load	720	9
10	Pedigree Puppy Dry Dog Food Food Chicken & Milk	690	6

--Q5. Identify the top 5 Categories offering the highest average discount percentage

	Category	Avg_discount_percent
1	Fruits & Vegetables	15
2	Meats, Fish & Eggs	11
3	Packaged Food	8
4	Biscuits	8
5	Ice Cream & Desserts	8

--Q6. Find the price per gram for products above 100 gram and sort by best value

	Name	Weight_InGms	Discounted_SellingPrice	Price_per_gram
1	Broccoli	500	30	0
2	Methi	250	25	0
3	Spinach	250	16	0
4	Ginger	200	12	0
5	Banana Robusta	348	24	0
6	Capsicum Green	250	19	0
7	Lemon	200	63	0
8	Potato	1000	29	0
9	Ladies Finger	250	12	0
10	Tomato Hybrid	1000	35	0

--Q7. Group the Products into Categories like Low, Medium, Bulk

	Name	Weight_InGms	Weight_Category
1	"Godrej Aer Power Pocket - Long Lasting Bathroom...	10	Low
2	"Maggi Magic Cubes, Vegetarian Masala (Free 2 Cu...	48	Low
3	"Maggi Magic Cubes, Vegetarian Masala"	40	Low
4	"Origami Good Karma Paper Serviettes - 100 napkin...	58	Low
5	24 Mantra Bura Sugar (Demerara)	500	Low
6	24 Mantra Groundnut Oil (Cold Pressed) Pet Bottle	1000	Medium
7	24 Mantra Mustard Oil (Cold Pressed)	1000	Medium
8	24 Mantra Organic Besan	500	Low
9	24 Mantra Organic Black Pepper	100	Low
10	24 Mantra Organic Brown Sona Masoori Rice	1000	Medium

--Q8. What is the Total Inventory weight per Category

	Category	Total_Inventory_weight_KG
1	Munchies	43869.80
2	Cooking Essentials	43869.80
3	Chocolates & Candies	42891.50
4	Ice Cream & Desserts	42891.50
5	Packaged Food	42891.50
6	Personal Care	21638.00
7	Paan Corner	21638.00
8	Home & Cleaning	14779.20
9	Beverages	9247.30
10	Dairy, Bread & Batter	9247.30