

Nike:

1. What are the total orders per gender?

```
SELECT gender , count(order_id) as Orders_count  
FROM orders  
GROUP BY gender ;
```

	g... :	orders_count
1	M	697
2	F	8312

2. What are the total orders per status?

```
SELECT status as Status , COUNT(order_id) as Total_Orders  
FROM orders  
GROUP BY ROLLUP(status) ;
```

	status	total_orders
1	(NULL)	9009
2	Complete	2228
3	Shipped	2605
4	Processing	1766
5	Cancelled	1432
6	Returned	978

3. What is the total cost per category (cost over 70)?

```
SELECT category, CAST(SUM(cost) AS numeric(10,2)) AS total_cost  
FROM products  
GROUP BY category  
HAVING CAST(SUM(cost) AS numeric(10,2)) > 70;
```

	category	total_cost
1	Accessories	78.74
2	Apparel	94.15
3	Sneakers	278.74
4	Activewear	96.87

4. **What is the amount of returned orders per category?**

```
SELECT p.category, COUNT(o.returned_at) as Returned_Orders,  
COUNT(ov.returned_at) Returned_Orders_Vintage  
,COUNT(oi.returned_at) Returned_Orders_Items  
FROM products p  
LEFT JOIN order_items_vintage ov ON ov.product_id = p.product_id  
LEFT JOIN order_items oi ON ov.order_id=oi.order_id  
LEFT JOIN orders o ON ov.order_id=o.order_id  
GROUP BY p.category ;
```

	category	returned_orders	returned_orders_vintage	returned_orders_items
1	Accessories	0	0	0
2	Apparel	54	54	0
3	Sneakers	123	123	0
4	Activewear	60	60	0

5. **What are the highest sales per distribution center?**

```
SELECT d.name as Distribution_centers , MAX(o.sale_price) as Highest_Sales  
FROM distribution_centers AS d  
LEFT JOIN products AS p ON d.distribution_center_id=p.distribution_center_id  
JOIN order_items AS o ON o.product_id=p.product_id  
GROUP BY d.name ;
```

	distribution_centers	highest_sales
1	New Orleans LA	40
2	Philadelphia PA	115
3	Memphis TN	99.99
4	Mobile AL	30
5	Chicago IL	90
6	Los Angeles CA	35
7	Houston TX	30

6. **What is the total amount of orders that have been completed?**

```
WITH new AS (  
  SELECT o.status, COUNT(o.order_id) AS Total_Amount  
  FROM products p  
  JOIN order_items oi ON p.product_id = oi.product_id  
  JOIN orders o ON o.order_id=oi.order_id  
  GROUP BY o.status)  
SELECT *  
FROM new  
WHERE status='Complete' ;
```

	status	total_amount
1	Complete	1904

7. **What are the top 10 products with highest retail price and cost?**

```
SELECT product_name , SUM(cost) AS cost , SUM(retail_price) AS retail_price  
FROM products  
GROUP BY product_name  
ORDER BY SUM(retail_price) DESC  
LIMIT 10 ;
```

	product_name	cost	retail_price
1	Vintage Nike Air Jordan Tracksuit	66.2	180
2	Vintage Nike Dunk	50.55	170
3	Vintage Nike Air Max 1	30.5	150
4	Nike Court Royale	57.13199991	115
5	Nike Air Max 270	27.047999916	99.99
6	Nike Air Force 1	52.357999871	90
7	Vintage Nike Waffle Trainer	33.23	70
8	Nike Tanjun	27.917999849	65
9	Vintage Nike Windrunner Jacket	24.44	60
10	Nike Dri-FIT Shorts	41.00499986	55

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8. **What are the top 5 products with highest sales?**

```
SELECT p.product_name , SUM(oi.sale_price) AS Sales_Prices
FROM products p
RIGHT JOIN order_items oi ON p.product_id=oi.product_id
GROUP BY product_name
ORDER BY SUM(oi.sale_price) DESC
LIMIT 5 ;
```

	product_name	sales_prices
1	Nike Dri-FIT Shorts	51442.3902486201
2	Nike Air Max 270	40715.30001680016
3	Nike Sportswear	36509.76012321001
4	Nike Court Royale	29869.69009160004
5	Nike Dri-FIT Tee	24962.36999390998