




## Request: 04

**FOLLOW-UP: WHICH SEGMENT HAD THE MOST INCREASE IN UNIQUE PRODUCTS IN 2021 VS 2020? TTHE FINAL OUTPUT CONTAINS THESE FIELDS, SEGMENT PRODUCT\_COUNT\_2020 PRODUCT\_COUNT\_2021 DIFFERENCE**

```
WITH unique_products AS(
SELECT
p.segment,
count(DISTINCT(CASE WHEN fiscal_year = 2020 THEN s.product_code END)) AS product_count_2020,
count(DISTINCT(CASE WHEN fiscal_year = 2021 THEN s.Product_code END)) AS product_count_2021
FROM fact_sales_monthly s
JOIN dim_product p
ON s.product_code = p.product_code
GROUP BY p.segment
)
SELECT
*,
product_count_2021-product_count_2020 AS difference
FROM unique_products
ORDER BY difference DESC
;
```



segment	product_count_2020	product_count_2021	difference
Accessories	69	103	34
Notebook	92	108	16
Peripherals	59	75	16
Desktop	7	22	15
Storage	12	17	5
Networking	6	9	3