Request 4

Which segment had the most increase in **unique products in 2021 vs 2020?** The final output contains these fields, **segment product_count_2020 product_count_2021 difference**

```sql
WITH uniq_prod_count_2020 AS (
  SELECT
    p.segment,
    COUNT(
      DISTINCT(p.product_code)
    ) AS product_count_2020,
    fiscal_year
  FROM
    dim_product p
    JOIN fact_sales_monthly s USING (product_code)
  WHERE
    fiscal_year = 2020
  GROUP BY
    segment
),
uniq_prod_count_2021 AS (
  SELECT
    p.segment,
    COUNT(
      DISTINCT(p.product_code)
    ) AS product_count_2021,
    fiscal_year
  FROM
    dim_product p
    JOIN fact_sales_monthly s USING (product_code)
  WHERE
    fiscal_year = 2021
  GROUP BY
    segment
)
SELECT
  segment,
  product_count_2020,
  product_count_2021,
  product_count_2021 - product_count_2020 AS difference
from
  uniq_prod_count_2020
  JOIN uniq_prod_count_2021 USING (segment)
GROUP BY
  segment
ORDER BY
  difference DESC;

--OUTPUT--
```

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