**PART 2 - Table Products**

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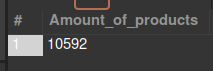
-- **Q14 -- How many products are there?**

SELECT

COUNT(\*) AS 'Amount\_of\_products'

FROM

products;



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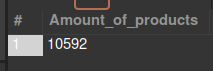
-- **Q15 -- How many brands?**

SELECT

COUNT(DISTINCT brand) as UniqueBrands

FROM

products;



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-- **Q16.1 -- How many products per brand ?**

SELECT

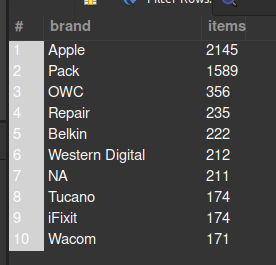
brand, COUNT(brand) AS items

FROM

products

GROUP BY brand

ORDER BY items DESC;



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-- **Q16.2 -- How many products per category?**

SELECT

manual\_categories AS 'Categories',

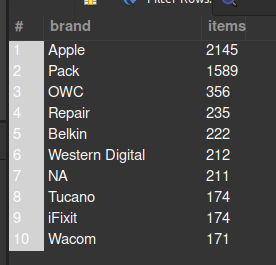
COUNT(manual\_categories) AS ProductsPerCategory

FROM

products

GROUP BY manual\_categories

ORDER BY ProductsPerCategory DESC;



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-- **Q17.1 -- What is the average price per brand?**

SELECT

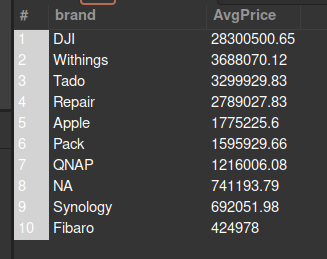
brand, ROUND((SUM(price) / COUNT(price)), 2) AS AvgPrice

FROM

products

GROUP BY brand

ORDER BY AvgPrice DESC;



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-- **Q17.2 -- What is the average price per category?**

SELECT

manual\_categories,

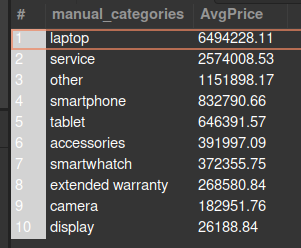
ROUND((SUM(price) / COUNT(price)), 2) AS AvgPrice

FROM

products

GROUP BY manual\_categories

ORDER BY AvgPrice DESC;



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**-- Q18.1 -- What is the name and description of the most expensive product per brand ?**

SELECT

inn.name\_en, inn.short\_desc\_en

FROM

(SELECT

p.name\_en, p.short\_desc\_en, p.brand, MAX(CAST(p.price as FLOAT)) as MxP

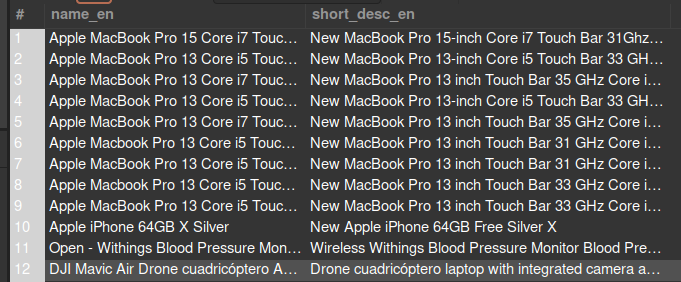
FROM

products p

GROUP BY p.name\_en, p.short\_desc\_en, p.brand

ORDER BY MxP DESC

) AS inn;



/\* This version shows the brand and price

SELECT

name\_en, short\_desc\_en, brand, MAX(CAST(price as FLOAT)) as price

FROM

products

GROUP BY brand, name\_en, short\_desc\_en

ORDER BY price DESC;

\*/

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**-- Q18.2 -- What is the name and description of the most expensive product per category?**

SELECT

inn.name\_en, inn.short\_desc\_en

FROM

(SELECT

p.name\_en, p.short\_desc\_en, p.manual\_categories, MAX(CAST(p.price as FLOAT)) as MxP

FROM

products p

GROUP BY p.name\_en, p.short\_desc\_en, p.manual\_categories

ORDER BY MxP DESC

) AS inn;

