SQL Practice - Day-3 - 20250122

Question:

You are given the following two tables:

Products
ProductID	ProductName	CategoryID	Price
1	Laptop	101	800.00
2	Smartphone	102	500.00
3	Tablet	101	300.00
4	Headphones	103	100.00
5	Smartwatch	102	200.00

Categories
CategoryID	CategoryName
101	Electronics
102	Mobile Devices
103	Accessories

Task:
Write a query to fetch the category name and the average price of products in each category.

Include only categories with an average product price above 250.

Sort the result by the average price in descending order.

Expected Output:
CategoryName	AveragePrice
Electronics	550.00
Mobile Devices	350.00

** QUERY:

```
SELECT C.CategoryName, AVG(P.Price) AS AveragePrice
FROM CATEGORIES AS C
LEFT JOIN PRODUCTS AS P
ON C.CategoryID = P.CategoryID
GROUP BY C.CategoryName
HAVING AVG(P.Price) > 250
ORDER BY AveragePrice DESC;
```