

Pharmacy Analytics (Part 2) [CVS Health SQL Interview Question]

CVS Health is analyzing its pharmacy sales data, and how well different products are selling in the market. Each drug is exclusively manufactured by a single manufacturer.

Write a query to identify the manufacturers associated with the drugs that resulted in losses for CVS Health and calculate the total amount of losses incurred.

Output the manufacturer's name, the number of drugs associated with losses, and the total losses in absolute value. Display the results sorted in descending order with the highest losses displayed at the top.

If you like this question, try out [Pharmacy Analytics \(Part 3\)](#)!

`pharmacy_sales` Table:

Column Name	Type
product_id	integer
units_sold	integer
total_sales	decimal
cogs	decimal
manufacturer	varchar
drug	varchar

`pharmacy_sales` Example Input:

product_id	units_sold	total_sales	cogs	manufacturer	drug
156	89514	3130097.00	3427421.73	Biogen	Acyclovir

product_id	units_sold	total_sales	cogs	manufacturer	drug
25	222331	2753546.00	2974975.36	AbbVie	Lamivudine and Zidovudine
50	90484	2521023.73	2742445.90	Eli Lilly	Dermasorb TA Complete Kit
98	110746	813188.82	140422.87	Biogen	Medi-Chord

Example Output:

manufacturer	drug_count	total_loss
Biogen	1	297324.73
AbbVie	1	221429.36
Eli Lilly	1	221422.17

Explanation:

The first three rows indicate that some drugs resulted in losses. Among these, Biogen had the highest losses, followed by AbbVie and Eli Lilly. However, the Medi-Chord drug manufactured by Biogen reported a profit and was excluded from the result.

The dataset you are querying against may have different input & output - **this is just an example!**