

Pharmacy Analytics (Part 3) [CVS Health SQL Interview Question]

CVS Health wants to gain a clearer understanding of its pharmacy sales and the performance of various products.

Write a query to calculate the total drug sales for each manufacturer. Round the answer to the nearest million and report your results in descending order of total sales. In case of any duplicates, sort them alphabetically by the manufacturer name.

Since this data will be displayed on a dashboard viewed by business stakeholders, please format your results as follows: "\$36 million".

If you like this question, try out [Pharmacy Analytics \(Part 4\)](#)!

`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
94	132362	2041758.41	1373721.70	Biogen	UP and UP
9	37410	293452.54	208876.01	Eli Lilly	Zyprexa

product_id	units_sold	total_sales	cogs	manufacturer	drug
50	90484	2521023.73	2742445.9	Eli Lilly	Dermasorb
61	77023	500101.61	419174.97	Biogen	Varicose Relief
136	144814	1084258.00	1006447.73	Biogen	Burkhart

Example Output:

manufacturer	sale
Biogen	\$4 million
Eli Lilly	\$3 million

Explanation

The total sales for Biogen is \$4 million ($\$2,041,758.41 + \$500,101.61 + \$1,084,258.00 = \$3,626,118.02$) and for Eli Lilly is \$3 million ($\$293,452.54 + \$2,521,023.73 = \$2,814,476.27$).

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