

All Data Drills / #3 Rolling Up, Looking Back

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Your Objective

You've been given a table with raw data for individual coffee shop transactions. Your task is to aggregate the total sales by month and store, then calculate the month-over-month change in sales for each store (*in dollars*).

Example input and output:

INPUT

order_date	store	product	quantity	sales
2024-01-03	North	Latte	2	6
2024-01-10	North	Cappuccino	1	3
2024-01-15	South	Mocha	3	12
2024-01-22	North	Espresso	1	2
2024-01-28	South	Latte	2	6
2024-02-02	South	Americano	2	4
2024-02-09	North	Mocha	1	4
2024-02-13	South	Cappuccino	2	6
2024-02-18	North	Latte	3	9
2024-02-25	South	Espresso	1	2
2024-03-01	North	Cappuccino	2	6
2024-03-05	South	Mocha	2	8
2024-03-10	South	Americano	3	6
2024-03-17	North	Latte	1	3
2024-03-22	North	Espresso	1	2

OUTPUT

Month	Store	Sales	Sales vs last month
Jan	North	11	
Jan	South	18	
Feb	North	13	2
Feb	South	12	-6
Mar	North	11	-2
Mar	South	14	2

 Download Dataset