

SQL LEETCODE PROBLEMS

QUESTION 5

Total Sales by Year

-- Mayuri D.

Data--

7 • **SELECT** * **FROM** sales;



Result Grid



Filter Rows:

Export:



Wrap

	product_id	period_start	period_end	average_daily_sales
▶	1	2019-01-25	2019-02-28	100
	2	2018-12-01	2020-01-01	10
	3	2019-12-01	2020-01-31	1

```

9 • WITH RECURSIVE r_cte AS
10 (
11     SELECT MIN(period_start) AS dates, MAX(period_end) AS max_dates FROM sales
12     UNION ALL
13     SELECT DATE_ADD(dates, INTERVAL 1 DAY) AS dates, max_dates FROM r_cte
14     WHERE dates < max_dates
15 )
16 SELECT product_id, YEAR(dates) AS report_year, SUM(average_daily_sales) AS total_amount FROM r_cte
17 INNER JOIN sales ON dates BETWEEN period_start AND period_end
18 GROUP BY product_id, YEAR(dates)
19 ORDER BY product_id, YEAR(dates)
20 ;

```

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 Result Grid
 Filter Rows:
 Export:
 Wrap Cell Content:

	product_id	report_year	total_amount
▶	1	2019	3500
	2	2018	310
	2	2019	3650
	2	2020	10
	3	2019	31
	3	2020	31

THANK YOU

-- Mayuri D.