

# B2B Sales Performance & Pipeline Analysis

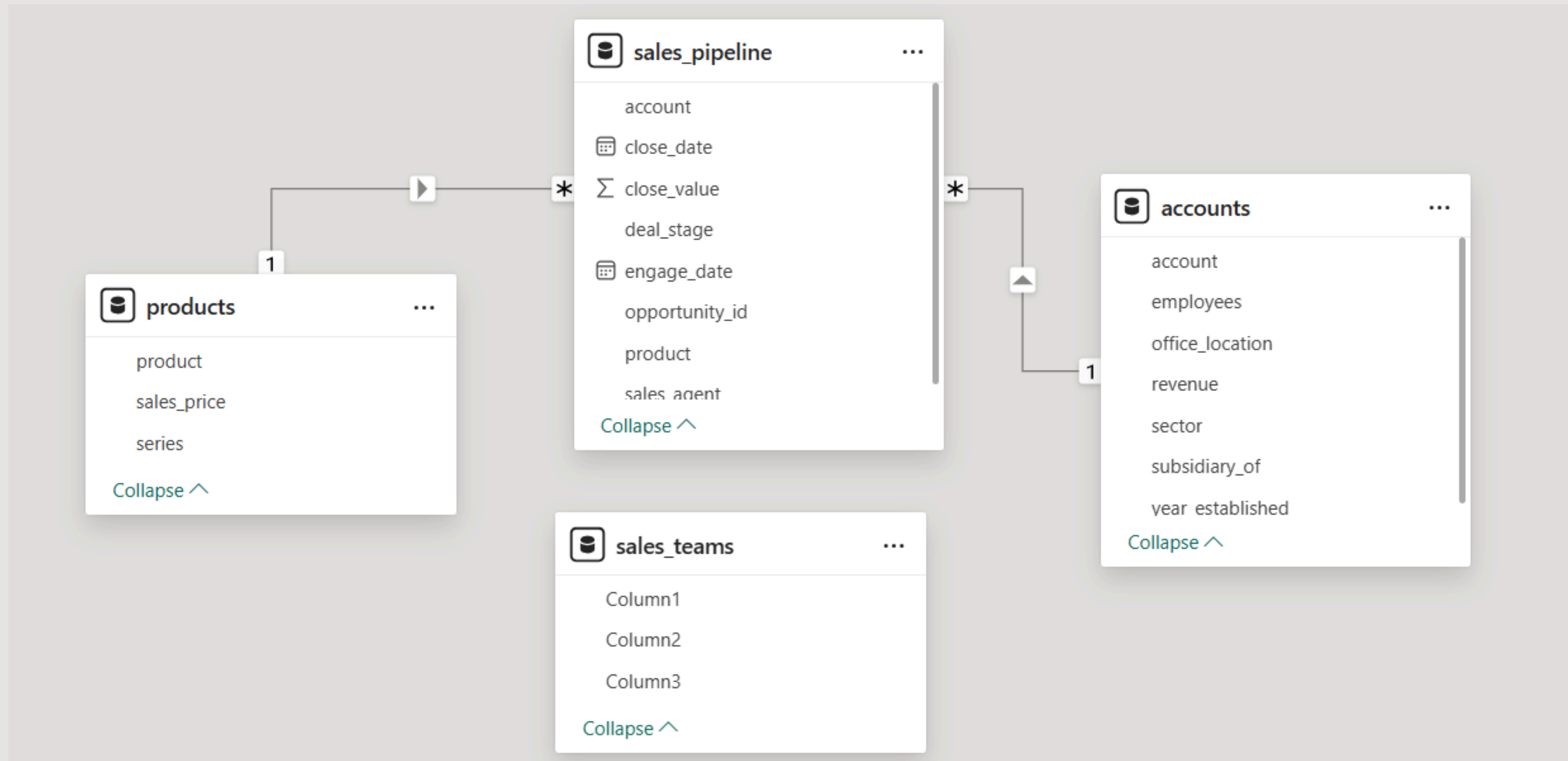
SQL Case Study: Optimizing Revenue and Sales Efficiency

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# SCHEMA



Brief list of Accounts, Products, Sales Teams, and Pipeline

# Conversion Mastery by Manager ( Win Ratio )

```
WITH team_performance AS (  
    SELECT  
        t.manager,  
        COUNT(p.opportunity_id) AS total_deals,  
        COUNT(CASE WHEN p.deal_stage = 'Won' THEN 1 END) AS won_deals  
    FROM sales_pipeline p  
    JOIN sales_teams t ON p.sales_agent = t.sales_agent  
    GROUP BY t.manager  
)  
SELECT  
    manager,  
    total_deals,  
    won_deals,  
    ROUND((won_deals::numeric / total_deals) * 100, 2) AS win_rate  
FROM team_performance  
ORDER BY win_rate DESC;
```

Used CTEs and Case Statements to calculate Win %

## OUTPUT

manager	total_deals	won_deals	win_rate
character varying (255)	bigint	bigint	numeric
Rocco Neubert	1327	691	52.07
Cara Losch	964	480	49.79
Summer Sewald	1701	828	48.68
Dustin Brinkmann	1583	747	47.19
Celia Rouche	1296	610	47.07
Melvin Marxen	1929	882	45.72

# Sales Velocity: Who Closes Fastest?

```
WITH cte AS (  
    SELECT t.manager ,  
           AVG(p.close_date - p.engage_date) AS avg_close_time  
    FROM sales_pipeline p  
    JOIN sales_teams t  
    ON p.sales_agent = t.sales_agent  
    WHERE p.close_date IS NOT NULL  
    GROUP BY t.manager  
)  
SELECT manager, ROUND(avg_close_time, 2) AS avg_days_to_close  
FROM cte  
ORDER BY avg_days_to_close;
```

Used Date Math to calculate time from engagement to close

## OUTPUT

	manager character varying (255)	avg_days_to_close numeric
1	Rocco Neubert	45.84
2	Celia Rouché	47.45
3	Melvin Marxen	47.82
4	Summer Sewald	48.47
5	Cara Losch	49.04
6	Dustin Brinkmann	49.44

"Internal Knowledge Transfer: Conduct a deep-dive into Rocco Neubert's team's workflow. Since they maintain the highest win rate while having the shortest sales cycle, their 'Sales Playbook' should be the blueprint for training lagging agents."



# Quarter - Over - Quarter Growth

```
WITH quarterly_revenue AS (  
  SELECT  
    DATE_TRUNC('quarter',close_date) AS quarter,  
    SUM(close_value) AS current_revenue  
  FROM sales_pipeline  
  WHERE deal_stage = 'Won' AND close_value IS NOT NULL  
  GROUP BY quarter  
,  
revenue_comparison AS (  
  SELECT  
    quarter,  
    current_revenue,  
    LAG(current_revenue) OVER(ORDER BY quarter) AS previous_revenue  
  FROM quarterly_revenue  
)  
SELECT  
  quarter,  
  current_revenue,  
  previous_revenue,  
  ROUND(current_revenue - previous_revenue, 2) AS revenue_change,  
  ROUND(((current_revenue - previous_revenue) / NULLIF(previous_revenue, 0)) * 100,2) AS  
  qoq_growth_percentage  
FROM revenue_comparison  
ORDER BY quarter;
```

Used CTEs & Window Functions (LAG) to compare quarterly revenue

OUTPUT

	quarter timestamp with time zone 🔒	current_revenue numeric 🔒	previous_revenue numeric 🔒	revenue_change numeric 🔒	qoq_growth_percentage numeric 🔒
1	2017-01-01 00:00:00+05:30	1134672	[null]	[null]	[null]
2	2017-04-01 00:00:00+05:30	3086111	1134672	1951439.00	171.98
3	2017-07-01 00:00:00+05:30	2982255	3086111	-103856.00	-3.37
4	2017-10-01 00:00:00+05:30	2802496	2982255	-179759.00	-6.03

# **3 Ways to Grow Revenue**

- 1. Double down on Entertainment Sector : It has our highest average deal value.**
- 2. Standardize Discounting: High discounts on GTK 500 are hurting margins.**
- 3. Cross-Train Teams: Use the "Velocity" data to train slower teams.**

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**Thank you  
for viewing  
my analysis.**

**Open for Data Analyst roles!**



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<https://github.com/co2latharvathakare-gif>