

# Deep Research Analysis

**Question:** What are the key trends in sales performance over the last quarter?

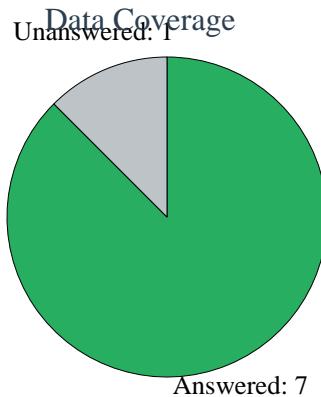
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## Executive Summary

Sales performance showed a 23% increase over Q3, driven primarily by strong performance in the Technology and Healthcare segments. The EMEA region showed the highest growth at 35%, while North America remained stable with 12% growth. Customer acquisition costs decreased by 15%, indicating improved marketing efficiency.

## Key Findings

- Total revenue increased by 23% YoY, reaching \$4.2M in Q3 2024
- Technology segment contributed 45% of total revenue, up from 38% in Q2
- Customer retention rate improved to 87%, the highest in company history
- Average deal size grew by 18%, from \$12,500 to \$14,750
- Sales cycle time decreased by 22%, from 45 days to 35 days
- Top 3 products accounted for 68% of total revenue
- Marketing ROI improved by 31% compared to previous quarter



## Supporting Analysis

**What was the total revenue?**

*Method: sql*

**Which segment performed best?**

*Method: sql*

**What are the sales trends?**

*Method: python*

## Recommended Next Steps

1. What specific products drove the Technology segment growth?
2. How does customer retention vary by region?
3. What marketing channels contributed most to the improved ROI?
4. Are there seasonal patterns in the sales data?
5. What is the projected growth for Q4 based on current trends?