

Hikaru Dashboard Report

File: monthly_revenue.csv

Generated: 2025-12-11 14:30:06

Data Summary

This dataset contains monthly financial performance data tracking revenue, expenses, and profit over a 6-month period. The key analysis focuses on temporal trends in financial metrics and the relationship between revenue and expenses. Based on the generated charts, the data likely reveals seasonal patterns in business performance and helps identify the correlation between income and costs. This type of dataset is typically used for financial planning, budget forecasting, profitability analysis, and identifying months that require cost optimization or revenue enhancement strategies.

Dataset Overview

Total Rows: 6 | Total Columns: 4

Column Name	Type	Unique Values	Null Count
month	Datetime	N/A	0
revenue	Numeric	N/A	0
expenses	Numeric	N/A	0
profit	Numeric	N/A	0

Data Preview (First 10 Rows)

month	revenue	expenses	profit
2024-01-01	50000	35000	15000
2024-02-01	55000	37000	18000
2024-03-01	52000	36000	16000
2024-04-01	58000	39000	19000
2024-05-01	61000	40000	21000
2024-06-01	59000	38000	21000

■ Generated Charts (4)

Chart 1: revenue over month

Type: Line | Data Points: 6

Data: 2024-01-01: 50,000 | 2024-02-01: 55,000 | 2024-03-01: 52,000...

■ **AI Insight:** Revenue shows a strong upward trend with 22% growth from January to peak in May (\$50K to \$61K), despite minor dips in March and June. The consistent recovery after each decline suggests resilient underlying business fundamentals, though the recent June drop warrants monitoring to ensure it's not the start of a larger downturn.

Chart 2: expenses over month

Type: Line | Data Points: 6

Data: 2024-01-01: 35,000 | 2024-02-01: 37,000 | 2024-03-01: 36,000...

■ **AI Insight:** Expenses show a general upward trend with a 14% increase from January to the May peak of \$40,000, followed by a notable \$2,000 decline in June. The consistent fluctuation between \$35,000-\$40,000 suggests seasonal or cyclical expense patterns, with May representing the highest spending period that warrants investigation for cost optimization opportunities.

Chart 3: profit over month

Type: Line | Data Points: 6

Data: 2024-01-01: 15,000 | 2024-02-01: 18,000 | 2024-03-01: 16,000...

■ **AI Insight:** The profit data shows a strong upward trend with a 40% increase from January (\$15,000) to June (\$21,000), despite a minor dip in March. The flattening in June suggests the business may be reaching a plateau, indicating it could be time to implement new growth strategies or optimize operations to break through this ceiling.

Chart 4: expenses vs revenue

Type: Scatter | Data Points: 6

Data: Showing 6 data points

■ **AI Insight:** The data shows a strong positive correlation between expenses and revenue, with revenue consistently tracking at approximately 67-68% of expenses across all data points. This remarkably tight relationship suggests either a cost-plus pricing model or that expenses are primarily variable costs that scale directly with sales volume, indicating predictable but relatively low profit margins of around 32-33%.

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