Screenshots Module 1: Sales Analysis Prototype

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CSC505: Principles of Programming

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Screenshots Module 1: Sales Analysis Prototype

This document contains a screenshot of the Sales Analysis script user interactions and outputs

Figure 1
Project Outputs on Terminal – User Flow

Continue next page

```
                    MENU
 ┌─────────────────────────────────────┐
 │ l - Load sales CSV                   │
 │ s - Show basic metrics               │
 │ p - Show revenue by product          │
 │ c - Show revenue by category         │
 │ d - Show revenue by date             │
 │ g - Show revenue graph               │
 │ q - Quit                             │
 └─────────────────────────────────────┘
Choose an option: d
 ┌─────────────────────────────────────┐
 │      Omega.py Sales Analyzer         │
 ├─────────────────────────────────────┤
 │         Revenue by Date              │
 └─────────────────────────────────────┘
2025-10-01 - orders:  1 | items sold:  2 | revenue: $2,399.98
2025-10-03 - orders:  3 | items sold:  6 | revenue: $3,449.94
2025-10-04 - orders:  1 | items sold:  4 | revenue: $4,799.96
2025-10-05 - orders:  1 | items sold:  2 | revenue: $499.98
2025-10-07 - orders:  2 | items sold:  8 | revenue: $619.92
2025-10-08 - orders:  4 | items sold:  9 | revenue: $5,349.91
2025-10-09 - orders:  2 | items sold:  4 | revenue: $2,449.96
2025-10-12 - orders:  4 | items sold:  9 | revenue: $544.91
2025-10-13 - orders:  1 | items sold:  4 | revenue: $599.96
2025-10-14 - orders:  1 | items sold:  4 | revenue: $99.96
2025-10-15 - orders:  3 | items sold:  6 | revenue: $659.94
2025-10-16 - orders:  1 | items sold:  1 | revenue: $899.99
2025-10-17 - orders:  3 | items sold:  7 | revenue: $2,339.93
2025-10-18 - orders:  1 | items sold:  1 | revenue: $899.99
2025-10-19 - orders:  1 | items sold:  2 | revenue: $159.98
2025-10-20 - orders:  1 | items sold:  2 | revenue: $49.98
2025-10-21 - orders:  2 | items sold:  5 | revenue: $1,299.95
2025-10-22 - orders:  3 | items sold:  7 | revenue: $5,099.93
2025-10-23 - orders:  2 | items sold:  5 | revenue: $2,199.95
2025-10-24 - orders:  2 | items sold:  5 | revenue: $1,129.95
2025-10-25 - orders:  3 | items sold:  6 | revenue: $389.94
2025-10-26 - orders:  1 | items sold:  4 | revenue: $519.96
2025-10-27 - orders:  2 | items sold:  5 | revenue: $5,099.95
2025-10-28 - orders:  2 | items sold:  6 | revenue: $5,299.94
2025-10-29 - orders:  2 | items sold:  5 | revenue: $3,199.95
2025-10-31 - orders:  1 | items sold:  2 | revenue: $499.98
```
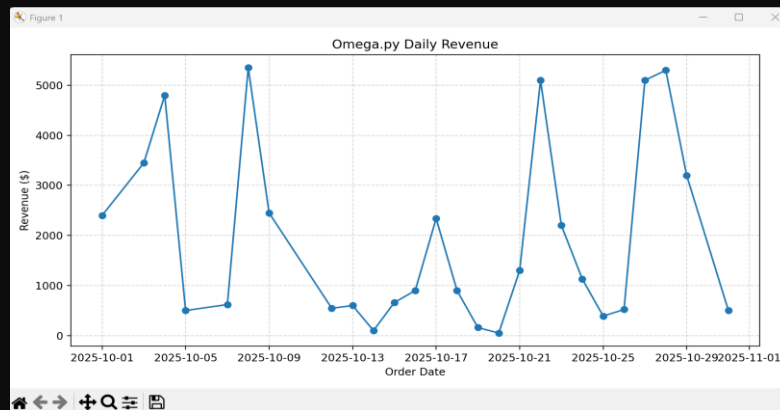
```
                    MENU
 ┌─────────────────────────────────────┐
 │ l - Load sales CSV                   │
 │ s - Show basic metrics               │
 │ p - Show revenue by product          │
 │ c - Show revenue by category         │
 │ d - Show revenue by date             │
 │ g - Show revenue graph               │
 │ q - Quit                             │
 └─────────────────────────────────────┘
Choose an option: g
 ┌─────────────────────────────────────┐
 │      Omega.py Sales Analyzer         │
 ├─────────────────────────────────────┤
 │         Revenue graph                │
 └─────────────────────────────────────┘
Displaying revenue by date graph. Close the window to return to the menu.
```


Figure 1 — Omega.py Daily Revenue

```
                    MENU
 ┌─────────────────────────────────────┐
 │ l - Load sales CSV                   │
 │ s - Show basic metrics               │
 │ p - Show revenue by product          │
 │ c - Show revenue by category         │
 │ d - Show revenue by date             │
 │ g - Show revenue graph               │
 │ q - Quit                             │
 └─────────────────────────────────────┘
Choose an option: q
Are you sure you want to quit? [Y/N]: y
Goodbye!
PS P:\CSU-projects\CSC-505-Programs\CTA-Module-1>
```