10/7/24, 12:05 AM Results: Program 1

Pearson Correlation Between Order Amount and Quantity Ordered

The CORR Procedure

2 Variables: Amount Qty

| Simple Statistics | | | | | | | |
|-------------------|--------|-----------|-----------|----------|---------|----------|--|
| Variable | N | Mean | Std Dev | Sum | Minimum | Maximum | |
| Amount | 121180 | 648.56146 | 281.21169 | 78592678 | 0 | 5584 | |
| Qty | 128975 | 0.90443 | 0.31335 | 116649 | 0 | 15.00000 | |

| Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations | | | | | |
|--|-------------------|-------------------|--|--|--|
| | Amount | Qty | | | |
| Amount | 1.00000 | 0.06690 <.0001 | | | |
| | 121180 | 121180 | | | |
| Qty | 0.06690 <.0001 | 1.00000 | | | |
| | 121180 | 128975 | | | |

Scatter Plot of Order Amount vs. Quantity Ordered

