

# Hypothesis Testing

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Project Two

# People Love to Save Money!

Pearson-r for 0.0:	-1.2825960227236015
Pearson-r for 0.01:	-0.01012673771561892
Pearson-r for 0.02:	-0.02025347543123784
Pearson-r for 0.03:	-0.030844465700245807
Pearson-r for 0.04:	-0.010590990269007958
Pearson-r for 0.05:	0.3605368095185777
Pearson-r for 0.06:	-0.010126737715618919
Pearson-r for 0.1:	0.11436963982188206
Pearson-r for 0.15:	0.3330362547852481
Pearson-r for 0.2:	0.24006876538981017
Pearson-r for 0.25:	0.31652696003981173



Discount



Quantity

# Processing Issues

Orders are being shipped late!

- Discontinued Products
- Lack of inventory
  - Reorder Levels

50  
PRODUCTS

# Reorder Levels & Units on Order

- Current UnitOnOrder of 70 is adequate
- Current ReorderLevel of 20 is inadequate
  - Increasing to 30, 97% of orders will be backordered
  - Increasing to 54, 98% of orders will be filled.

# Solutions/Conclusion

- Set discounts in increments of 5%
- Set Reorder levels to 54 to fill 98% of Gorgonzola
- Remove discontinued products.