Module 2 Project

T-tests

Outline

The Data

	Id	OrderID	ProductID	UnitPrice	Quantity	Discount
0	10248/11	10248	11	14.0	12	0.0
1	10248/42	10248	42	9.8	10	0.0
2	10248/72	10248	72	34.8	5	0.0
3	10249/14	10249	14	18.6	9	0.0
4	10249/51	10249	51	42.4	40	0.0

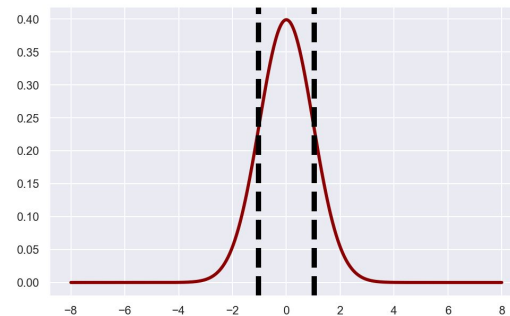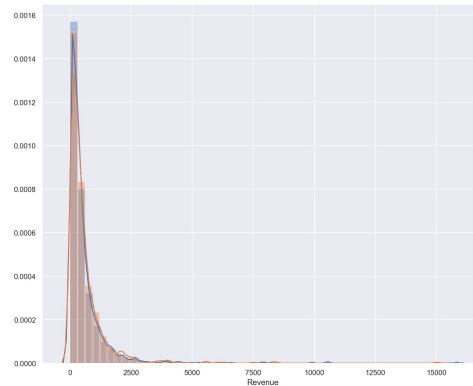# Discounted vs. Everyday Value: Quantity
Test 1

T-stat: 6.24

P-value: 5.65 e^-10
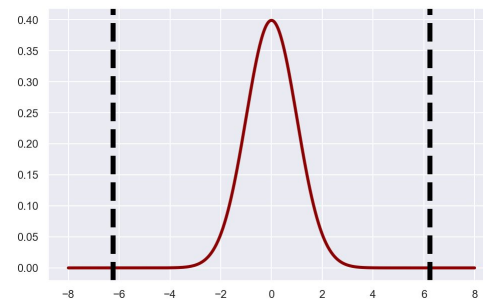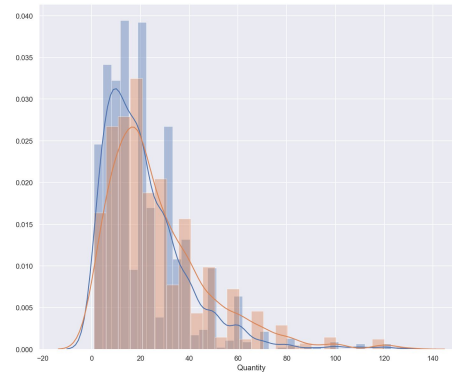
Discounted vs. Everyday Value: Revenue

Test 2
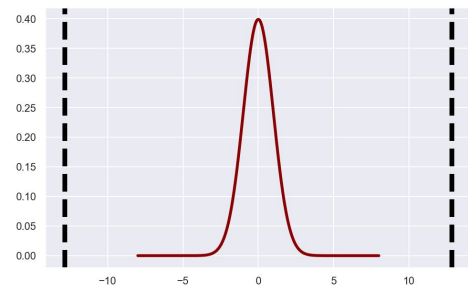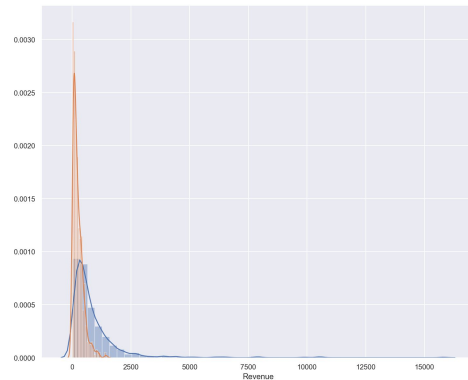
T-stat: 1.03

P-value: 0.30

High-end vs. Low-end Products (Median): Revenue
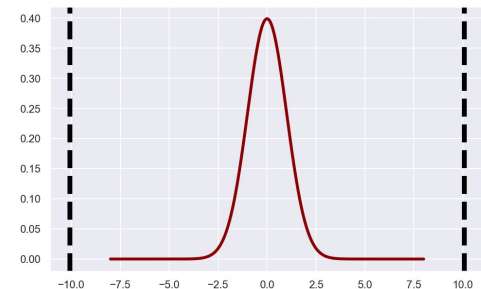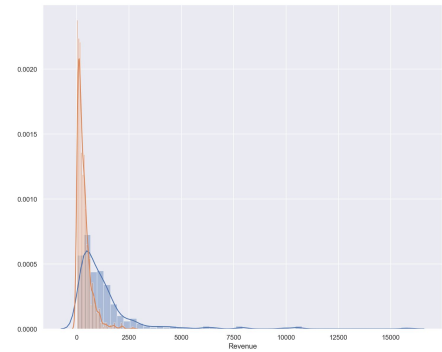
Test 3

T-stat: 12.85

P-value: 4.35 e^-34

Upper Q vs. Low-end Products: Revenue

Test 4

T-stat: 10.08

P-value: 5.53e^-21

Additional Notes

➔ Test 3 (Median 18.4):

◆ High-end % Revenue: 77.86%

◆ Low-end % Revenue: 21.09%

➔ Test 4 (Upper Quartile 32.8)

◆ High-end % Revenue: 54.52%

◆ Low--end % Revenue: 44.39%