

# Data Analysis Report

## Dataset Preview:

	Price	Demand
0	525.14	658
1	596.57	508
2	608.65	464
3	589.91	512
4	543.92	624

## Summary Statistics:

	Price	Demand
count	527.000000	527.000000
mean	543.315693	632.390892
std	31.322106	75.272755
min	459.220000	422.000000
25%	521.840000	583.000000
50%	543.350000	635.000000
75%	564.815000	685.500000
max	625.260000	808.000000

## Correlation Matrix:

	Price	Demand
Price	1.000000	-0.984024
Demand	-0.984024	1.000000

## Regression Results:

coefficient: -2.3647905411849965  
intercept: 1917.2187025775647  
r\_squared: 0.9683038252831868



