

BMS 404 REGRESSION OUTPUT

Quantity demanded	Price	Income
10	2	8
8	4	6
10	3	7
9	4	6
7	5	5
6	5	4
4	6	2
8	3	6
10	3	9
12	2	10

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.974127186
R Square	0.948923775
Adjusted R Square	0.934330567
Standard Error	0.594268976
Observations	10

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	2	45.92791069	22.96396	65.02503	3.01138E-05
Residual	7	2.472089314	0.353156		
Total	9	48.4			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	4.894736842	2.682018324	1.82502	0.110751	-1.44722873	11.236702	-1.4472287	11.23670241
Price	-0.358851675	0.375623844	-0.95535	0.371222	-1.24706093	0.5293576	-1.2470609	0.529357577
Income	0.767145136	0.212935086	3.602718	0.008708	0.263633666	1.2706566	0.26363367	1.270656605

BMS 404 REGRESSION OUTPUT

quantity	price	wage rate
20	10	12
30	21	9
60	40	5
76	42	4
100	30	7
130	60	3
125	50	3
135	42	2

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.873559517
R Square	0.763106229
Adjusted R Square	0.668348721
Standard Error	26.03278125
Observations	8

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	2	10915.4715	5457.736	8.053253	0.027313924
Residual	5	3388.528499	677.7057		
Total	7	14304			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	115.4958328	100.1201031	1.153573	0.30082	-141.871085	372.86275	-141.87109	372.862751
price	0.540966387	1.615614753	0.334836	0.751339	-3.61210355	4.6940363	-3.6121035	4.694036321
wage rate	-9.056705469	7.465418876	-1.21315	0.279251	-28.2471756	10.133765	-28.247176	10.13376468