The MEANS Procedure

Analysis Variable : Weight Weight (LBS)				
N	Mean	Std Dev	Minimum	Maximum
428	3577.95	758.9832146	1850.00	7190.00
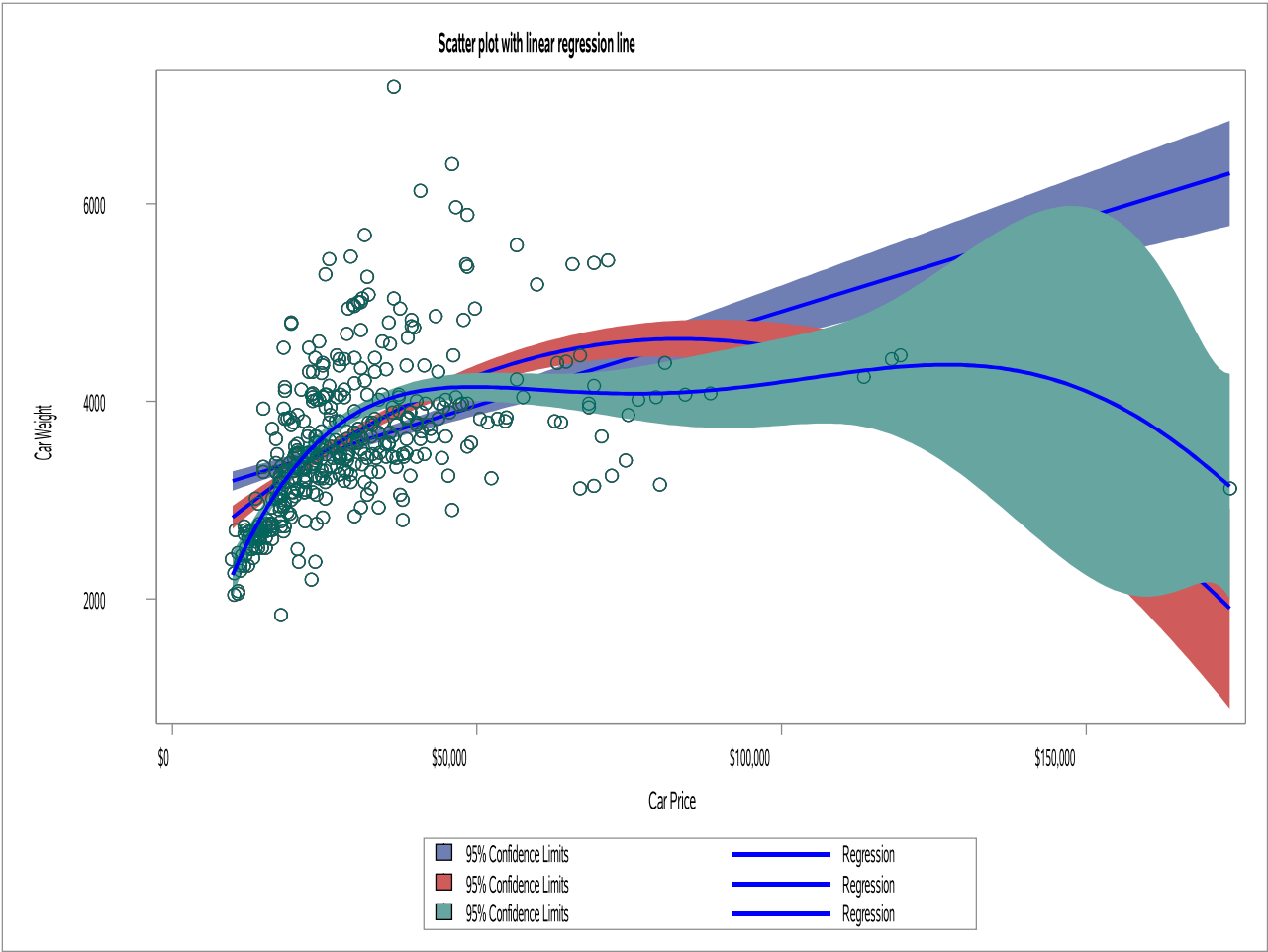
Scatter plot with linear regression line

The GLM Procedure

Number of Observations Read	428
Number of Observations Used	428

The GLM Procedure

Dependent Variable: Weight   Weight (LBS)

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	48127064.1	48127064.1	103.63	<.0001
Error	426	197848643.0	464433.4		
Corrected Total	427	245975707.1			

R-Square	Coeff Var	Root MSE	Weight Mean
0.195658	19.04702	681.4935	3577.953

Source	DF	Type I SS	Mean Square	F Value	Pr > F
Invoice_c	1	48127064.06	48127064.06	103.63	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
Invoice_c	1	48127064.06	48127064.06	103.63	<.0001

Parameter	Estimate	Standard Error	t Value	Pr > |t|	95% Confidence Limits	
Intercept	3074.872997	59.39258590	51.77	<.0001	2958.134002	3191.611992
Invoice_c	0.019030	0.00186938	10.18	<.0001	0.015355	0.022704

The GLM Procedure

Number of Observations Read	428
Number of Observations Used	428

The GLM Procedure

Dependent Variable: Weight　Weight (LBS)

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	84192861.4	42096430.7	110.59	<.0001
Error	425	161782845.7	380665.5		
Corrected Total	427	245975707.1			

R-Square	Coeff Var	Root MSE	Weight Mean
0.342281	17.24396	616.9810	3577.953

Source	DF	Type I SS	Mean Square	F Value	Pr > F
Invoice_c	1	48127064.06	48127064.06	126.43	<.0001
Invoice_c*Invoice_c	1	36065797.33	36065797.33	94.74	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
Invoice_c	1	70787397.90	70787397.90	185.96	<.0001
Invoice_c*Invoice_c	1	36065797.33	36065797.33	94.74	<.0001

Parameter	Estimate	Standard Error	t Value	Pr > |t|	95% Confidence Limits	
Intercept	2504.031861	79.56512827	31.47	<.0001	2347.641711	2660.422010
Invoice_c	0.053411	0.00391674	13.64	<.0001	0.045712	0.061110
Invoice_c*Invoice_c	-0.000000	0.00000003	-9.73	<.0001	-0.000000	-0.000000