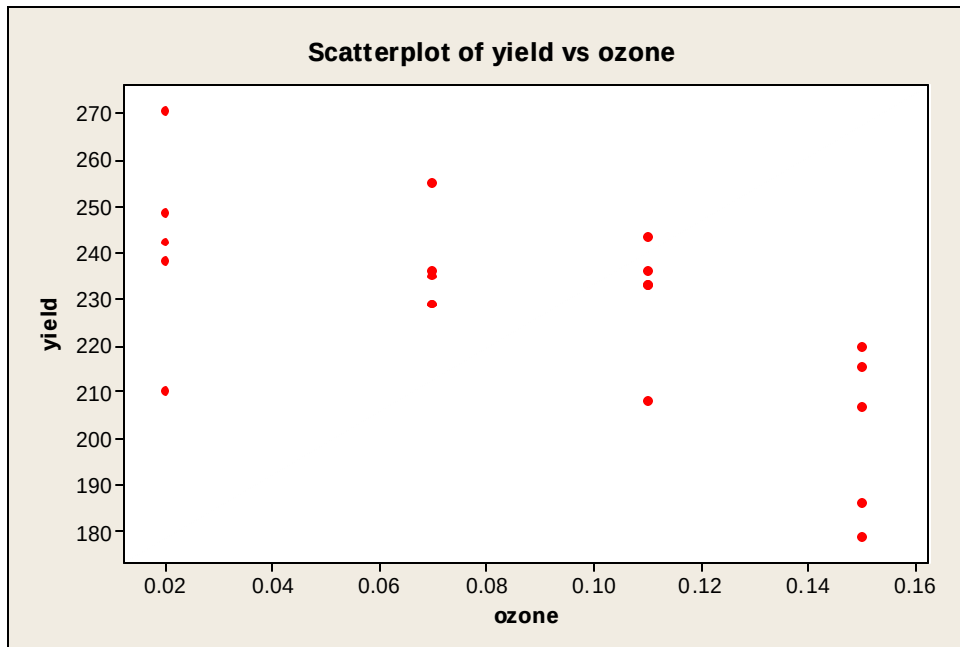




Regression Analysis: yield versus ozone

The regression equation is
 yield = 253 - 292 ozone

Predictor	Coef	SE Coef	T	P
Constant	253.272	8.041	31.50	0.000
ozone	-292.08	80.51	-3.63	0.002

S = 17.3370 R-Sq = 42.2% R-Sq(adj) = 39.0%

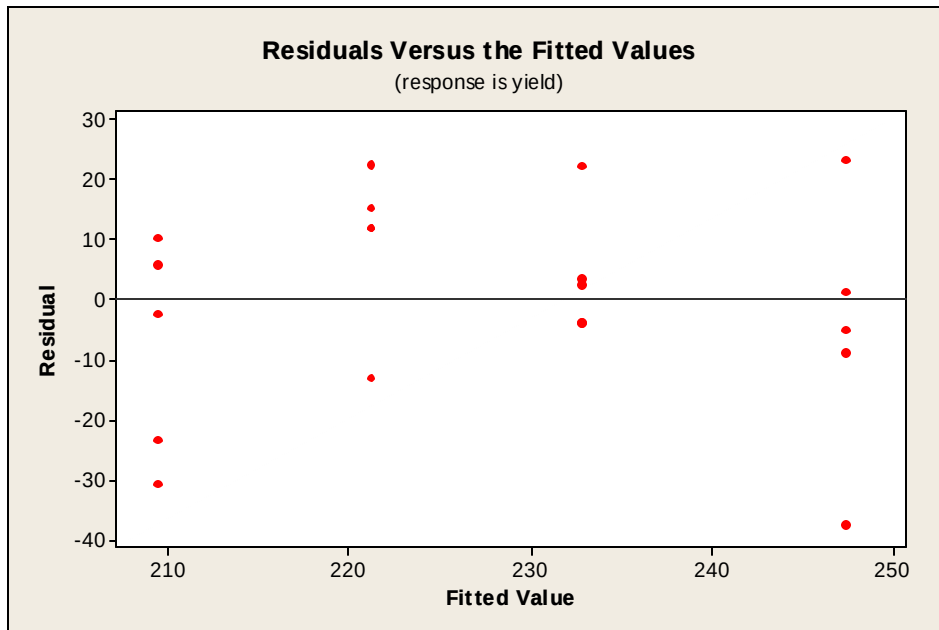
Analysis of Variance

Source	DF	SS	MS	F	P
Regression	1	3956.3	3956.3	13.16	0.002
Residual Error	18	5410.3	300.6		
Total	19	9366.6			

Unusual Observations

Obs	ozone	yield	Fit	SE Fit	Residual	St Resid
3	0.020	210.00	247.43	6.68	-37.43	-2.34R

R denotes an observation with a large standardized residual.



Regression Analysis: yield versus ozone, ozsq

The regression equation is
 $\text{yield} = 237 + 296 \text{ ozone} - 3483 \text{ ozsq}$

Predictor	Coef	SE Coef	T	P
Constant	236.57	11.91	19.86	0.000
ozone	295.8	332.3	0.89	0.386
ozsq	-3483	1917	-1.82	0.087

S = 16.3249 R-Sq = 51.6% R-Sq(adj) = 45.9%

Analysis of Variance					
Source	DF	SS	MS	F	P
Regression	2	4836.1	2418.0	9.07	0.002
Residual Error	17	4530.5	266.5		
Total	19	9366.6			