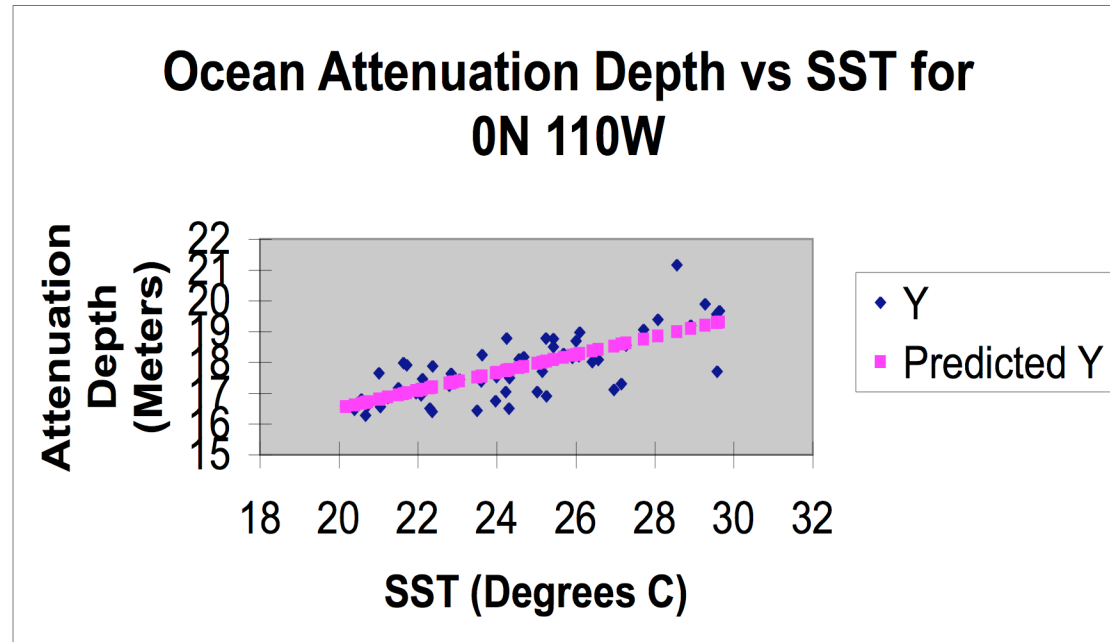


Example of linear regression with a single predictor



SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.750
R Square	0.562
Adjusted R Square	0.554
Standard Error	0.692
Observations	58

ANOVA	d. of f.	Sum of sq.	SS/df	Fratio=MSR/MSE	P-value of F
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	34.408	34.408	71.929	0.000
Residual	56	26.788	0.478		
Total	57	61.196			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>
Intercept	10.692	0.839	12.749	0.000	9.011	12.372
X Variable 1	0.291	0.034	8.481	0.000	0.222	0.360