year(t)	advertising (x)	sales (y)
1	23	651
2	26	762
3	30	856
4	34	1063
5	43	1190
6	48	1298
7	52	1421
8	57	1440
9	58	1518
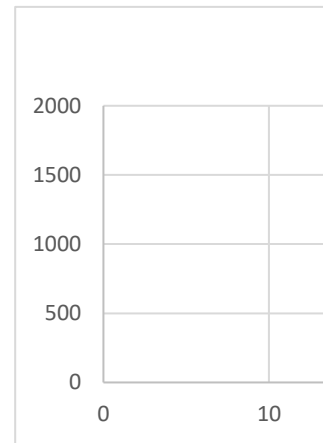
SUMMARY OUTPUT

	Regression Statistics
Multiple R	
R Square	
Adjusted R Square	
Standard Error	
Observations	

ANOVA

Regression	
Residual	
Total	

Intercept	
advertising (x)	

equation for best fit regression line

sales (y)

;
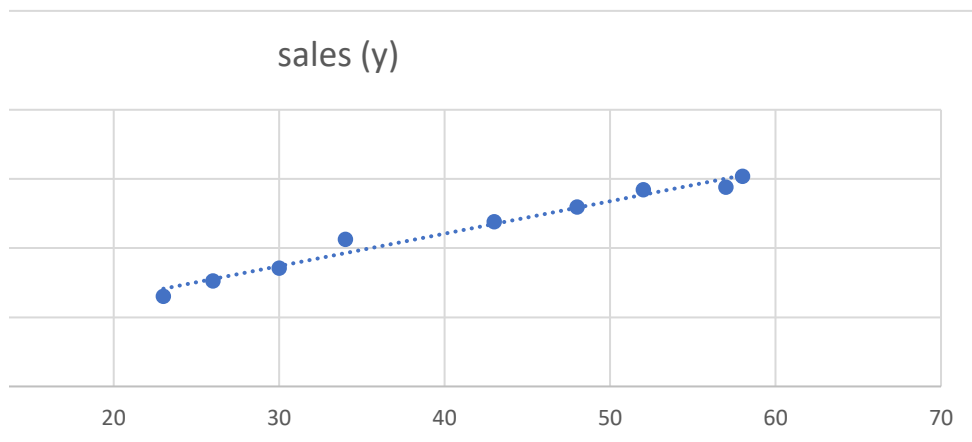
0.988287905
0.976712984
0.973386267
51.82929288
9

	df	SS	MS	F	Significance F
	1	788681.6264	788681.6264	293.5967	5.6598E-07
	7	18803.9292	2686.2756		
	8	807485.5556			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
	167.6829495	58.938986	2.845026032	0.024865	28.3143938	307.051505
	23.42278559	1.366982532	17.13466342	5.66E-07	20.1903855	26.6551856

f(x)=167.68 + 23.42x

Lower 95.0%	Upper 95.0%
28.31439379	307.0515051
20.19038555	26.65518564