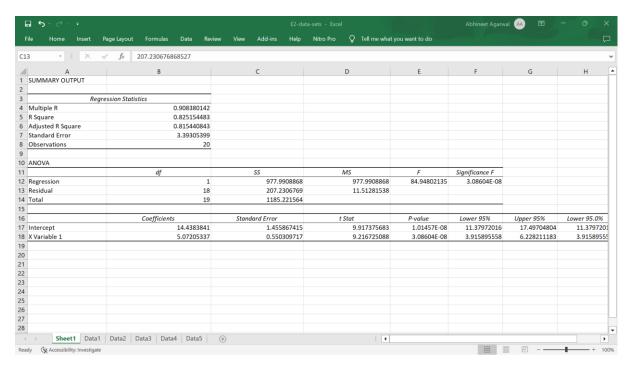
1.

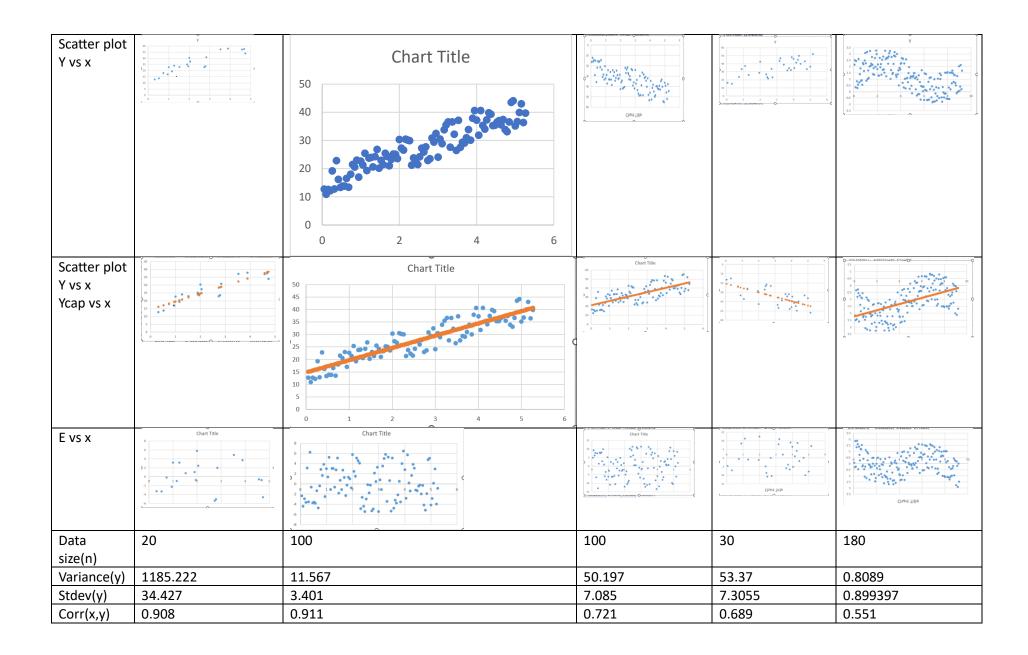


The P-value is very small, much less than 0.05. Therefore. It is statistically significant.

R2 is greater than 0.8. Therefore, this is a reasonably good regression model.

2.

Dat	a Set	Data1	Data?	Data 3	Data/	Data5
Dat	a set	Datai	Data2	Data3	Data4	Data5



Coeff 'a'	5.07	4.903	4.799	4.693	-0.22153
Coeff 'b'	14.44	14.810	21.105	20.7976	2.232599
p-value 'a'	3.08604E-08	1.5E-39	2.84E-17	2.55E-05	1.13E-15
p-value 'b'	1.01457E-08	4.6E-39	1.08E-26	3.15E-07	6.01E-38
R^2	0.825154483	0.830	0.519331	0.47477	0.303426
1-R^2	0.175	0.17	0.480669	0.5253	0.697
F-value	84.95	497.833	105.8825	25.311	77.53645
Significanc	3.08604E-08	1.54E-39	2.84E-17	2.55E-05	1.13E-15
e F					
SSE	207.231	1133.415	4919.334	1494.377	143.9867
MSE(10.362	11.334	4.919	1.494	0.7999
SSE/n)					